



VYSOKÁ ŠKOLA
CHEMICKO-TECHNOLOGICKÁ
V PRAZE

Report on the fulfilment of the objectives of the Institutional Plan of the University of Chemistry and Technology Prague for the year 2021

SUBMITTED BY

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PASSED

By the Academic Senate of UCT Prague on 19. 04. 2022

By the Board of Trustees of UCT Prague on 27. 04. 2022

April 2022

Summary of the priorities of the university's institutional plan for 2021:

Within the framework of the implementation of the Institutional Plan of UCT Prague for 2021 (hereinafter referred to as "IP2021"), the University focused on the implementation of the Priority Objectives of the Strategic Plan of UCT Prague from 2021 (hereinafter referred to as "SI2021+") elaborated in its annual Plan for the Implementation of the Strategic Plan of UCT Prague for 2021. In accordance with the Announcement of the Institutional Programme for Public Universities for 2021 (hereinafter referred to as the "Announcement"), each of the planned IP2021 measures specified which priorities of the Strategic Plan of the Ministry of Education for the period from 2021 it contributes to.

In IP2021, 33 sub-measures contributing to the following priorities were planned to be implemented:

- 1. Develop competencies directly relevant to life and practice in the 21st century (measures IP_2021_01 to 04)
- 2. Improve the availability and relevance of flexible forms of education (measures IP_2021_06 to 08)
- 3. Increase the efficiency and quality of doctoral studies (measures IP_2021_09 to 12)
- 5. Build capacity for strategic management of higher education institutions (measures IP_2021_13 to 16)
- 6. Reduce the administrative burden on university staff to enable them to fully dedicate themselves to their calling (measures IP_2021_17 to 18)

Internationalisation of universities

- 1. Development of global competencies of students and staff of universities (measures OP_2021_19 to 23)
- 4. Creating an international environment at universities and their promotion abroad (measures OP_2021_24 to 26)
- Other areas covered by the areas listed in the Announcement/Further measures (a) to (n) (measures IP_2021_27 to 34)

A total of 31 IP2021 measures were successfully implemented and met their objectives. 22 measures met or exceeded the target values of the indicators as planned, 7 measures partially met the target values of the indicators and 2 measures were not implemented at all in 2021 (IP_2021_02 and IP_2021_23).

Unfortunately, the implementation of some of the measures was also affected in 2021 by the adverse pandemic situation associated with the SARS-Cov-2 coronavirus. In addition, in the first half of 2021, the contribution to the completion of the activities of the 2020 institutional plan was still being drawn upon, within the framework of the extended implementation of IP2020 allowed by the Ministry of Education due to the constraints caused by the pandemic situation. The greatest negative impact in 2021 was manifested in measures to support the internationalisation of the university, which are of a short-term nature, or in general measures related to travel and stays abroad (e.g. hosting foreign experts, short-term trips abroad, participation in foreign promotional events, foreign internships to increase the pedagogical competencies of teachers, etc.).

For the implementation of the planned IP2021 measures, UCT Prague had a contribution of CZK 27,981 thousand and it was also envisaged to use the amount of CZK 100 thousand. from the FPP to co-finance measure IP_2021_26. In 2021, 90.6% of the allocated contribution from the state budget for this calendar year (i.e. CZK 25,352, 815.79) was used for the implementation of the IP2021 measure. The FPP disbursement for the implementation of the IP2021 measure amounted to CZK 70,924. In addition, the transferred funds of the IP2020 contribution intended for the extended implementation of IP2020 activities until June 2021 (in the amount of CZK 1,324,762.49) were drawn from the FPP in 2021.

Of the total financial allocation, 9.4% has not been used for 2021. The unspent IP2021 contribution funds were transferred to the FPP (amount of CZK 1,506,443.06) and FRIM from the contributions (in the amount of CZK 1,121,741.15) and will be used in the following period to implement the objectives of the SI2021+.

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The unspent amounts of the contribution are mainly linked to measures related to trips and stays abroad, savings between the foreseen budget for purchases and the actual tendered price of the goods/services purchased and finally due to the non-utilisation of the planned funds for two measures which were not implemented at all in 2021 with their implementation being postponed to a future period.

The *table on page 2* shows the actual use of funds for the implementation of IP2021 measures, broken down by priority according to the Announcement in thousands of CZK. and also the percentage of the actual absorption of the contribution for the year 2021 for each priority objective according to the Announcement. The actual spending of the planned allocation of the IP2021 implementation contribution by priority objectives according to the Announcement in percentages is shown in *the graph on page 2*.

In the Overview of the evaluation of the IP2021 measures, starting on page 3 of this report, the individual measures are assessed in more detail in terms of meeting the objective of the measures and the target values of the set indicators. Reasons are given for any failure to meet the indicators. It also assesses how the objective of the measure has been achieved and indicates the percentage of the planned budget of the measure that has been spent. Reasons are given for any major deviations in the implementation of the budget.

Total budget of the institutional plan by priority objective:				
	Plan		Reality	
Priority objective according to the Announcement	<i>Allocation (in thousands of CZK)</i>	<i>Allocation (%)</i>	<i>Spending (in thousands of CZK)</i>	<i>Spending (%) total on IP plan</i>
1. Develop competencies directly relevant to life and practice in the 21st century	900	3.2	644	2.3
2. Improve the availability and relevance of flexible forms of education	7,680	27.4	7,235	25.9
3. Increase the efficiency and quality of doctoral studies	1,020	3.6	1,048	3.7
5. Build capacity for strategic management of higher education institutions	1,200	4.3	1,251	4.5
6. Reduce the administrative burden on university staff so that they can fully devote themselves to their mission	4,550	16.3	3,643	13.0
Internationalisation of universities	7,041	25.2	5,913	21.1
Other measures falling under the areas listed in the Announcement	5,590	20.0	5,619	20.1
Total institutional plan	27,981		25,353	90.6
<i>of which investment funds</i>	<i>3,370</i>	<i>12.0</i>	<i>2,248</i>	<i>8.0</i>
Unspent IP2021 contribution (transfer to funds)			2,628	9.4

Utilisation of the planned allocation in the priority objective according to the Announcement



Overview of the evaluation of the IP2021 measures:

Name of the measure:	Pedagogical skills development course		
Measure number:	IP_2021_01		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	RNDr. Petr Holzhauser, Ph.D. (832)		
Objectives of the measure according to SI2021+:	1. Develop competencies directly relevant to life and practice in the 21st century		
Specification of the objective of the measure:	The aim of the measure is to organise a Teaching Skills Development Course for PhD students and academic staff. The development of pedagogical competencies of teachers at the university is a necessary condition not only for maintaining a high level of teaching, but also for increasing its quality. The organisation of courses will support initial and ongoing teacher training, with a focus on the use of interactive and innovative teaching methods.		
Evaluation of measure objective fulfilment:	The course itself was not implemented in its traditional form. However, the goal of providing long-term and systematic support to educators and doctoral students in the field of pedagogy was fulfilled by the implementation of consultations and individual coaching of educators who showed active interest in this. The preparation of the tutoring techniques course has created a working group through peer education that will be involved in the implementation of this course in the coming years.		
Indicator:	number of graduates (2020: N → 2021: N+20)		
Reality Indicator:	12/2021:	N+18	
Reason for non-fulfilment of the indicator:	The reason for the non-fulfilment of the indicator in 2021 was the low interest of staff in any kind of non-work duties, caused by the workload following a very demanding period associated with the reduction of in-person teaching combined with catching up on missed duties. Therefore, despite the active approach of the staff of the Institute of Teacher Education, the planned value of the indicator could not be met.		
Evaluation of the method/activity leading to the achievement of the objective(s):	In the coming year, we anticipate a more active approach to promoting the courses and tailoring them to the audience and their needs. In 2021, the existing Teaching Skills course has been upgraded to include new study materials and online resources. Individual services were provided in the form of consultations and individual coaching for educators who expressed interest. Responding to the need to make up for any gaps in the training as quickly as possible, the preparation of a new Tutoring Techniques Course has begun with the involvement of students with experience in this area, with the aim of implementing this course in 2022.		
Financial allocation (CZK):	300,000	of which NIV: 300,000	of which INV: 0
Spending of allocation (%):	98.3 %		

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<i>Reason for non-exhaustion of allocation:</i>	The unspent contribution funds have been transferred to the FPP and will be used in the following period for the implementation of the SI2021+ measures.
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Name of the measure:	Internships to increase the pedagogical competencies of teachers		
Measure number:	IP_2021_02		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	Bc. Filip Faltejsek (974)		
Objectives of the measure according to SI2021+:	1. Develop competencies directly relevant to life and practice in the 21st century		
Specification of the objective of the measure:	The aim of the measure is to improve the pedagogical competencies of the teachers working at UCT Prague and ultimately to contribute to the innovation of the educational activities at UCT Prague so that they meet the demands placed on education that should be relevant to life and practice in the 21st century. Drawing on experience and sharing good practice made possible by placements at other universities and higher education institutions is an ideal way to effectively increase the pedagogical competence of teachers. During internships, academic staff can learn about new trends and practices in educational activities, see them put into practice and try them out. The newly acquired knowledge, skills and experience will then be implemented into the teaching at UCT Prague and will be more open to innovations in teaching (interactive teaching, use of modern technologies). An integral benefit of internships abroad is also the strengthening of language competencies of teachers, which will subsequently contribute to the improvement of foreign language teaching at UCT Prague and strengthening the internationalization of the environment at UCT Prague.		
Evaluation of measure objective fulfilment:	In 2021, the target of the measure was not met.		
Indicator:	number of teaching internships (2020: 0 → 2021: 5		
Indicators of reality:	12/2021:	0	
Reason for non-fulfilment of the indicator:	The indicator was not fulfilled - in 2021 it was not possible to implement (not only foreign) internships due to the ongoing Covid-19 pandemic and persistent anti-epidemic measures in the Czech Republic and other countries. At the same time, the institutions where it was intended that the internships would take place were not willing to accept interns/implement training, also due to anti-pandemic measures.		
Evaluation of the method/activity leading to the achievement of the objective(s):	The measure has not been implemented. Unfortunately, the internships could not be offered due to the anti-epidemic measures associated with the Covid-19 pandemic, which prevented their implementation.		
Financial allocation (CZK):	250,000	of which NIV: 250,000	of which INV: 0
Spending of allocation (%):	0 %		
Reason for non-exhaustion of allocation:	The allocation of funds could not be exhausted due to the impossibility to realize internships because of the ongoing anti-pandemic measures due to the Covid-19 pandemic.		

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	The unspent contribution funds have been transferred to the FPP and will be used in the following period for the implementation of the SI2021+ measures.
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Name of the measure:	Pedagogical Conference		
Measure number:	IP_2021_03		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	doc. Dr. Ing. Milan Jahoda (963)		
Objectives of the measure according to SI2021+:	1. Develop competencies directly relevant to life and practice in the 21st century		
Specification of the objective of the measure:	<i>The aim of the measure is to:</i> <i>1) promote the sharing of experiences with different forms of education, in particular the use of distance learning elements (b-learning), the integration of multimedia in teaching, project-based learning or workshops with practitioners,</i> <i>2) motivate academic staff to develop their teaching competencies,</i> <i>3) search for innovative solutions that will help to increase the efficiency and quality of education and assessment provided by distance forms of teaching, and to involve both pedagogical experts and academic staff and students of UCT in the preparation of teaching materials.</i>		
Evaluation of measure objective fulfilment:	<i>The UCT Pedagogical Conference 2021 took place on 10 December 2021 in the AI auditorium and was also streamed online via MS Teams. During the conference, 9 lectures were given followed by a discussion.</i>		
Indicator:	number of presentations at the conference (2020: 0 → 2021: 15		
Reality Indicator:	12/2021:	9	
Reason for non-fulfilment of the indicator:	The original plan of 15 lectures was reduced to 9 on the basis of experience from CR projects and the resulting time was allocated for sharing experiences and discussion with the conference participants. The time allotment for peer discussion proved to be very much needed and in some cases it was even necessary to close the discussion in order to keep the conference programme on track.		
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>It was the first year of the Pedagogical Conference of UCT. The selected topics were mainly based on the PIGA 2021 projects. Among the invited teachers (conference participants), there was initial mistrust about the purpose and goal of the conference. After the conference, however, the participants evaluated it as beneficial for the development of pedagogical competencies and sharing of experiences. The conference has already heard suggestions for lectures for 2022. The student representatives requested that they could also attend the next edition as speakers on the experiences they had gained during their study abroad.</i>		
Financial allocation (CZK):	50,000	of which NIV: 50,000	of which INV: 0
Spending of allocation (%):	100 %		

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Name of the measure:	Teaching transferable skills to students		
Measure number:	IP_2021_04		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	doc. Dr. Ing. Milan Jahoda (963)		
Objectives of the measure according to SI2021+:	1. Develop competencies directly relevant to life and practice in the 21st century		
Specification of the objective of the measure:	The aim of the project intent is to develop students' competences and personality in the field of soft skills in order to increase the quality of graduates and make them more easily employable. This is mainly about increasing competencies in the field of economics, management, project management, effective cooperation, constructive communication in business, personal and civil context, effective use of new technologies, openness to new stimuli and changes. The intention is that all students for whom this is relevant will have the opportunity for further personal development beyond their compulsory curriculum.		
Evaluation of measure objective fulfilment:	In 2021, 8 courses were implemented for students of UCT Prague. Courses are beyond the scope of the compulsory curriculum. These were the courses: Decision Making for Technical Directors, English for Specific Business Purposes, Lean Startup in English, Media Communication for Managers, Lean Startup at UCT Prague, Fundamentals of Management, Project Management.		
Indicator:	number of soft skills courses (2020: 8 → 2021: 8		
Reality Indicator:	12/2021:	8	
Evaluation of the method/activity leading to the achievement of the objective(s):	The courses are designed to broaden the competencies of students/graduates of non-economic study programmes in the field of management.		
Financial allocation (CZK):	300,000	of which NIV: 300,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Pedagogical Innovation Projects (PIGA)		
Measure number:	IP_2021_06		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	doc. Dr. Ing. Milan Jahoda (963)		
Objectives of the measure according to SI2021+:	2. Improve the availability and relevance of flexible forms of education		
Specification of the objective of the measure:	<i>The aim of the project intent is to support a wide range of education provided in flexible forms, both in accredited degree programmes and in shorter courses and modules (lifelong education), and to improve the availability and quality of open educational resources for informal learning. The intention is to open up space for significantly greater use of blended learning methods, i.e. such an organisation of teaching where both face-to-face and distance methods are used synergistically. In most cases, this means replacing in-person lectures with video or other media that give learners the flexibility to watch content anytime, anywhere, repeatedly or intermittently, as they need. At the same time, this frees up time for consultation, discussion, teamwork or practical teaching.</i>		
Evaluation of measure objective fulfilment:	<i>The competition for the support of pedagogically oriented innovation projects (PIGA) of students and academic staff was held according to the internal rules published on the school's website. Supported innovative pedagogical projects were mainly focused on the preparation of teaching materials in text or multimedia form, study aids and the use of digital technologies in teaching.</i>		
Indicator:	number of supported projects (2020: 64 → 2021: 45		
Reality Indicator:	12/2021:	42	
Reason for non-fulfilment of the indicator:	From the 46 projects submitted, the judging committee selected 42 projects that met the requirements of the competition in terms of their focus and the way the project was developed.		
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>A Competition was announced for the support of pedagogically oriented innovative projects of students and academic staff. The rules of the competition were established by the internal regulations of the Principles of the Grant Competition for the Support of Pedagogical Projects of Students and Academic Staff at UCT Prague. 46 projects with a total requested subsidy of CZK 8,186,905 were submitted to the competition, of which 42 projects were selected with a total subsidy of CZK 6,992,668. Supported projects produce final reports. Some topics of the projects were presented at the Pedagogical Conference (IP_2021_03).</i>		
Financial allocation (CZK):	7,000,000	of which NIV: 7,000,000	of which INV: 0
Spending of allocation (%):	99.9 %		
Reason for non-exhaustion of allocation:	The unspent contribution funds have been transferred to the FPP and will be used in the following period for the implementation of the SI2021+ measures.		

Name of the measure:	Technical support for online learning		
Measure number:	IP_2021_07		
Guarantor of the measure:	vice-Rector for Strategy		
Principal Investigator:	Ing. Pavel Härtel (990)		
Objectives of the measure according to SI2021+:	2. Improve the availability and relevance of flexible forms of education		
Specification of the objective of the measure:	The aim is to equip two rooms (one in each of the buildings A and B on the Dejvice campus of UCT Prague) with a conference system for on-line teaching or on-line conferences and for on-line state final examinations (SZZ).		
Evaluation of measure objective fulfilment:	This goal was achieved by acquiring two AV conference sets and placing them in two pre-selected rooms.		
Indicator:	number of rooms equipped with permanent conference system 2020. 0 → 2021: 2		
Reality Indicator:	12/2021:	2	
Evaluation of the method/activity leading to the achievement of the objective(s):	Based on market research, specific equipment was selected and then further researched to establish references at other universities. After evaluation, the technical specification of the equipment was determined and based on a tender AV equipment was purchased and installed in two rooms according to the original design.		
Financial allocation (CZK):	580,000	of which NIV: 0	of which INV: 580,000
Spending of allocation (%):	24.5 %		
Reason for non-exhaustion of allocation:	<p>The budget was based on the assumption of using a conference set in large rooms. In the course of the project, after consultations with an external supplier, it turned out that the additional AV equipment was not needed for the size of the rooms in which the conference sets were eventually placed. Another factor was the fact that, compared to the original market research done for the budget proposal, the normal demand for e-shops with given AV equipment with quoted prices had reduced the price even further in the tender.</p> <p>The unspent allocation was partly used for co-financing of measure IP_2021_09 (approx. CZK 30 thousand INV).</p> <p>The unspent contribution funds have been transferred to the FRIM from the contributions and will be used in the following period for the implementation of the SI2021+ measures.</p>		

Name of the measure:	Development of the LLE department		
Measure number:	IP_2021_08		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	Ing. Jana Krátká, Ph.D. (940)		
Objectives of the measure according to SI2021+:	2. Improve the availability and relevance of flexible forms of education		
Specification of the objective of the measure:	<p><i>The aim of the project intent is to develop a workplace that organizes lifelong learning courses and provides support services for other parts of the university in order to increase the quality and relevance of these courses. Measures will be implemented mainly in the following areas:</i></p> <ul style="list-style-type: none"> • <i>methodology and organization of LLE within the UCT Prague,</i> • <i>design of corporate training courses and their offer to the professional public, training of teaching staff (skills in pedagogy, andragogy, project teaching, rhetoric, writing professional publications, etc.).</i> • <i>proposing retraining courses to job seekers under the Employment Act, increasing the informational value of certificates and strengthening the recognition of lifelong education results by employers,</i> • <i>creation of popular science courses for the general public,</i> • <i>design of commercial professional courses in Czech and English,</i> • <i>courses for the development of competences of students of UCT Prague,</i> • <i>registration of LLE participants, records of teaching, results and creation of uniform certificates of accredited and commercial courses,</i> • <i>restructuring and updating of the web pages of the LLE department, e-learning courses and FB profile,</i> • <i>professional summer schools of national and international type,</i> • <i>U3A and the active life of seniors - part of the mission of higher education institutes.</i> • <i>popularisation of LLE.</i> 		
Evaluation of measure objective fulfilment:	<p><i>In the course of 2021, the student module of the system was acquired with the designation RLLE (registration of LLE courses). This module enables the creation of LLE courses, their registration within faculties and across all university departments. Subsequently, it enables the creation of applications of candidates, their initial registration, transfer to the student system and registration of students and, after their graduation, the registration of unique codes of the certificates awarded. The range of courses is now clearer and more accessible to the general public.</i></p> <p><i>(https://student.vscht.cz/prijimacky/index.php?id=087abcb05895f88f6916283bbc34e1f5&tid=&do=kurzy)</i></p>		
Indicators:	<p>the system of registration of LLE certificates (2020: NO → 2021: YES)</p> <p>uniform certificate templates (2020: 0 → 2021: 2)</p> <p>a system for registering course participants (2020: NO → 2021: YES)</p>		
Indicators of reality:	12/2021:	a system for registering LLE certificates	YES
		uniform certificate templates	3
		a system for registering course participants	YES

Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>The RLLE module was acquired and implemented into the student and candidate system. This was followed by debugging of errors, creating a unified procedure for setting up courses, payments, applications, setting up a system for types of courses (LLE programme - interest; vocational; university of the third age and internationally recognised course). This was followed by fine-tuning of the procedure for processing applicants and their applications, and turning the data into a regular study. The last step in the registration system was the debugging of the handling of the students' studies, their uniform setup, registration, graduation and entering a unique code for the attained certificate. The series for awarding certificates within the calendar year was setup with the throughput of the courses offered at UCT. Records of the number series are kept not only in the student system, but also in the Teams system, available to all LLE administrators at UCT Prague and the faculties of the school. A uniform template with specific features was established for the certificates: the school logo, the certificate number code, the name and surname of the graduate and his/her date of birth, the name of the course taken and the date of graduation. Further specification of the content of the certificate according to the type of courses (content and amount of hours; indication of the amount of hours and the credit and grade obtained; mandatory features for recording and declaring correctness for the corporate retraining of employees).</i></p>		
Financial allocation (CZK):	100,000	of which NIV: 100,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Development of the Children's Crèche Zkumavka	
Measure number:	IP_2021_09	
Guarantor of the measure:	bursar	
Principal Investigator:	Bc. Jitka Jakovcová (930)	
Objectives of the measure according to SI2021+:	3. Increase the efficiency and quality of doctoral studies	
Specification of the objective of the measure:	<p><i>The Children's Crèche Zkumavka (CCZ), a children's group registered with the Ministry of Labour and Social Affairs, significantly helps to improve the employment of young parents with young children at UCT Prague. The capacity of the CCZ is 20 children, its operation is paid for by UCT Prague from its own resources with a minimal contribution from parents. CCZ focuses on short-term childcare for children from the age of two until the start of compulsory schooling, allowing parents to join the work process even if they cannot have their child placed in a regular kindergarten or nursery. At present, the CCZ is used only for babysitting of employees' children. Within the capacity, the childcare service will also be offered to DSP students to better balance their studies and work with family life at the beginning of their academic career. Equipping the CCZ with appropriate didactic aids and equipment to improve hygiene conditions would help to further improve the services offered by the CCZ and strengthen its capacity in times of a worsening epidemiological situation. This will indirectly support the objective of the measure, i.e. to improve the process of balancing work and study of parents - DSP students at the beginning of their academic career with family life.</i></p>	
Evaluation of measure objective fulfilment:	<p><i>The objective has been achieved. Didactic aids, a play set for younger children and equipment to improve hygiene conditions were purchased for the CCZ.</i></p>	
Indicator:	number of children of PhD students in CCZ (2020: 0 → 2021: 4	
Reality Indicator:	12/2021:	0
Reason for non-fulfilment of the indicator:	<p>The capacity of the children's crèche allows for the possible placement of children of DSP students. This option is prominently displayed in appropriate places (CCZ website, UCT Prague website). At the time of the indicator assessment, no child of a DSP student was placed in CCZ - no DSP student expressed interest in using CCZ services or any interest expressed did not result in the use of CCZ services.</p>	
Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>The information about the possibility of placing children of DSP students in the CCZ was highlighted in appropriate places in the DKZ documents, internal information systems of UCT and on the CCZ website. At the same time, the CCZ was presented at the Academic Senate, where the possibility of using it by DSP students was highlighted and discussed with student representatives.</i></p> <p><i>On the basis of market research, an interactive whiteboard with floor projection was selected to support didactic teaching, especially for pre-school children. The board has been purchased and installed. The ozone generator to improve the hygienic conditions in the CCZ was acquired from other funds (extraordinary "covid" subsidy from the Ministry of Labour and</i></p>	

	<i>Social Affairs). A new play set suitable for smaller children was purchased for the CCZ garden.</i>		
Financial allocation (CZK):	150,000	of which NIV: 10,000	of which INV: 140,000
Spending of allocation (%):	118.7 %		
<i>Justification in case of over-allocation:</i>	Part of the unspent funds from measure IP_2021_07 (approx. CZK 30 thousand INV) so that the allocation of measure IP_2021_09 could be used up efficiently with regard to the accounting limits in force in 2021 for the purchases of DHM.		

Name of the measure:	Support for teaching transferable skills to PhD students (Module C)	
Measure number:	IP_2021_10	
Guarantor of the measure:	vice-Rector for Science and Research	
Principal Investigator:	Mgr. Veronika Popova (965)	
Objectives of the measure according to SI2021+:	3. Increase the efficiency and quality of doctoral studies	
Specification of the objective of the measure:	<p><i>Module C is a new element of the DSP curriculum, for the acquisition of transferable skills and knowledge and awareness, especially in the areas of dissemination of results (especially in the form of publications, which is also related to linguistic competences) and the application and protection of the results of scientific and research activities and research and development management, which do not in themselves have a direct impact on the professional profile of the graduate, but are intended to contribute to the strengthening of competences related to the exercise of a profession in the academic or application sphere and thus contribute to increasing the employability of graduates. It is assumed that the experience gained in the implementation of this activity will allow to further develop the focus and content of Module C in relation to the coverage and forms of teaching so that the DSP will have an element corresponding to the real needs of practice and be able to respond flexibly to the changing needs of the labour market. The optional selection of this module gives the specified candidates the opportunity to shape their competences according to their own intention of future employment. The aim of the project plan is to consolidate and possibly expand the offer and delivery of seminars/courses/workshops in Module C by adding another area of transferable skills or by adding an English language teaching option to selected existing seminars/courses/workshops.</i></p>	
Evaluation of measure objective fulfilment:	<p><i>The objectives were met. 7 courses for PhD students were implemented, 5 of them being in English. Teaching materials in English have been created for all courses offered in Module C.</i></p>	
Indicator:	number of courses implemented/including in English language (2020: 5/1 → 2021: 6/3)	
Reality Indicator:	12/2021:	7/5
Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>A total of 7 courses were implemented, 2 in Czech and 5 in English. The Basics of Management (03/2021, online, Czech, 8 participants out of 13 registered) / Fundamentals of Management (12/2021, 5 participants, proposal to extend the hourly subsidy to 3 full teaching days), Technology transfer and Intellectual property protection (11/2021 - semi-online, 11 participants, 3 foreigners, very positive feedback); Scientific Information and Dissemination of Results (12/2021, online, 2 or 3 participants out of 8 enrolled); Management of (investment) projects (09/2021 in-person + excursion in the project office, Czech - based on the preferences of the enrolled, 7 and 4 participants respectively, positive feedback); 2 semester courses Effective Scientific Writing I and II (very positively evaluated). For all courses, materials in English were prepared and materials were updated. Promotion (screens, website, letters to PhD students) has been</i></p>	

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	<i>strengthened, yet the waves of COVID-19 have translated into more frequent excused and unexcused absences of those enrolled.</i>		
Financial allocation (CZK):	300,000	of which NIV: 300,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Develop students' communication skills in practice		
Measure number:	IP_2021_11		
Guarantor of the measure:	Vice-Rector for External Relations and Communication		
Principal Investigator:	Mgr. Michal Janovský (979)		
Objectives of the measure according to SI2021+:	3. Increase the efficiency and quality of doctoral studies		
Specification of the measure's objective:	If a researcher is to be successful in his or her work, he or she must be able to communicate the results of his or her work both to the professional community and to the general public. The aim of the measure is to equip current doctoral students and master's students who plan to continue their doctoral studies with the knowledge and skills to communicate with the general public to inform them about the results of the research in an understandable and natural way. As part of the measure, they will have the opportunity to practice the acquired competence in the form of written papers about their research at UCT Prague.		
Evaluation of measure objective fulfilment:	The objective of the measure, i.e. to equip PhD and MSc students with the skills to communicate the results of their scientific work to the public, was fulfilled and proved to be relevant and useful for further years of the project activity.		
Indicator:	number of student papers published in official information media of the university (2020: 65 → 2021: 70		
Reality Indicator:	12/2021:	72	
Evaluation of the method/activity leading to the achievement of the objective(s):	Students who expressed interest in this activity received initial training by the head of the Communication Department of UCT Prague. They were also recommended relevant literature to read on communication, PR and social media. The most talented students were then given the opportunity to publish their or their colleagues' outputs on UCT Prague social networks, the university website or in the SPIN magazine.		
Financial allocation (CZK):	120,000	of which NIV: 120,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Supporting PhD students in writing and publishing their dissertations		
Measure number:	IP_2021_12		
Guarantor of the measure:	Vice-Rector for Science and Research		
Principal Investigator:	Ing. Eva Dibuszová, Ph.D. (997)		
Objectives of the measure according to SI2021+:	3. Increase the efficiency and quality of doctoral studies		
Specification of the measure's objective:	<i>The aim of the activity is to update the internal application for generating input pages and covers of dissertations, enabling graphic unification of covers and bookbinding, and to set up a new template for dissertations in accordance with the rules for internal structuring, uniform formats and graphic processing. The application will be redesigned in accordance with the new legislation and expanded to include study programmes implemented with foreign universities.</i> <i>Another goal is to financially support the students of the DSP in commissioning the printing and binding of dissertations in a format that corresponds to the format used by foreign universities and to support the prestige of dissertations published by doctoral students at UCT Prague.</i>		
Evaluation of measure objective fulfilment:	<i>The objective of the measure was met by providing support to DPS students in securing the printing of their dissertations.</i>		
Indicator:	number of DSP students supported (2020: 55 → 2021: 60		
Reality Indicator:	12/2021:	61	
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>The goal was met, the cooperation with the printer towards the target group has been above standard for some time. As well as support of IT and publishing department of CIS (graphic design, export of covers, landing pages).</i>		
Financial allocation (CZK):	450,000	of which NIV: 450,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Development of internal communication channels including their English versions		
Measure number:	IP_2021_13		
Guarantor of the measure:	Vice-Rector for External Relations and Communication		
Principal Investigator:	Mgr. Michal Janovský (979)		
Objectives of the measure according to SI2021+:	5. Build capacity for strategic management of higher education institutions		
Specification of the measure's objective:	<p><i>One of the key (and often neglected) tools for effective management of an institution is clearly internal communication (IntC). As in the case of marketing communication, its possibilities evolve rapidly over time, and so do the specific communication channels and the rules for their use. In recent years, UCT Prague has established several basic communication channels, including the web, intranet, facebook, twitter and e-mailing. The internal magazine SPIN and the Yammer internal social network have been newly added. It is these two IntCs that need to be cultivated in 2021 and effective rules set for their functioning as important internal communication tools. Along with this, the role of existing channels needs to be reassessed and given a firm place in the internal communication strategy. In line with the internationalisation of the university environment, it is necessary to develop English versions of these IntCs.</i></p>		
Evaluation of measure objective fulfilment:	<p><i>In recent years, UCT Prague has established several basic communication channels, including the web, intranet, facebook, twitter and e-mailing. The internal magazine SPIN and the Yammer internal social network have been newly added. These two IntCs were cultivated in 2021 and effective rules were set for their functioning as an important internal communication tool. Along with this, we have reassessed the role of existing channels and adjusted their position in the internal communication strategy. In line with the internationalisation of the university environment, we have developed English language versions of these IntCs.</i></p>		
Indicators:	number of functional IntC channels (2020: 5 → 2021: 6 number of English posts in IntC channels (2020: 80 → 2021: 85		
Reality indicator:	12/2021:	number of functional IntC channels	6
		number of English posts in IntC channels	85
Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>In 2021, we rigorously analysed the current channels dedicated to the school's internal communications with regard to the strategic management of the school.</i></p> <p><i>We then assigned a clear role, type and form of appropriate content to the existing channels, with the use of the channels specifically by the target group being a key criterion. We have revised the concept of the SPIN magazine and modified the functioning of the internal social network Yammer. We have paid considerable attention to the creation of contributions for internal communication channels in English, which was appreciated by foreign students and academics in the feedback we received (focus group).</i></p>		
Financial allocation (CZK):	400,000	of which NIV: 400,000	of which INV: 0
Spending of allocation (%):	101.4 %		

Name of the measure:	Implementation of the HRS4R Action Plan		
Measure number:	IP_2021_14		
Guarantor of the measure:	Vice-Rector for Science and Research		
Principal Investigator:	PhDr. Alena Tříšková (965)		
Objectives of the measure according to SI2021+:	5. Build capacity for strategic management of higher education institutions		
Specification of the measure's objective:	<p><i>In 2020, UCT Prague started the process for obtaining the HR Award certificate, which is awarded by the European Commission to research institutions that implement the HRS4R strategy (The Human Resources Strategy for Researchers). The benefit is to support the increase of the international visibility of the school, to contribute to the increase of competitiveness among universities within the Czech Republic, to help the internationalization of the institution, to facilitate the career development of budding scientists, to successfully reach out to top researchers from abroad and last but not least to get feedback from the employees of UCT Prague in the area of personnel development. The aim of the activity is to deal with the EC's comments on the submitted documents for the HR Award certificate and to start the implementation of the measures of the approved two-year HRS4R Action Plan.</i></p>		
Evaluation of measure objective fulfilment:	<p><i>The application for the HR Award was sent to the EC on 14. 05. 2021. We have subsequently received notification of its formal adoption. The EC's comments on the assessed application were received on 24. 09. 2021. The EC has given a 12-month deadline for the settlement and resubmission of the application.</i></p>		
Indicators:	<p>dealing with comments on the HR Award application (2020. NO → 2021: YES) start of implementation of the measures of the HRS4R Action Plan (2020. NO → 2021: YES)</p>		
Reality indicator:	12/2021:	dealing with comments on the HR Award application	NO, in the process
		start of implementation of the measures of the HRS4R Action Plan	N/A
Reason for non-fulfilment of the indicator:	<p>As the EC's comments are of a substantial nature, we are now in the process of addressing them. For the time being, the working group and the steering committee have been supplemented with additional members from R1 and R2 and the administrative staff of the Rector's Office. In order to obtain relevant data for the GAP analysis from the employees of UCT Prague, a questionnaire survey and 2 focus groups were conducted. After revision the application will be resubmitted to the EC before the deadline. The implementation phase is postponed until after the HR Award (2023).</p>		
Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>The application for the HR Award was commented on at the university-wide platforms after submission by the steering committee, then these comments were incorporated by the working group and the application was finalised and translated into English. It was sent on 14. 05 and on 24. 09. we received comments from the EC. A procedure and timetable for dealing with the comments was developed, a working group and steering committee were added and a staff survey was conducted. The report of the</i></p>		

	<i>quantitative and qualitative survey will be published on the website. Revision of all documents according to the EC comments - GAP analysis, Action Plan, OTM R checklist - is still under preparation. Discussions are held within the Rector's Office departments/ Personnel Department, R&D Department/ and on university-wide platforms/ Rector's Council and Academic Senate/. All documents will be revised based on the comments by the end of 06/2022, after which they will be ready for resubmission to the EC. The earliest date for dispatch is 09/2022.</i>		
Financial allocation (CZK):	150,000	of which NIV: 150,000	of which INV: 0
Spending of allocation (%):	92.5 %		
Reason for non-exhaustion of allocation:	The unspent contribution funds have been transferred to the FPP and will be used in the following period for the implementation of the SI2021+ measures.		

Name of the measure:	Recognition of the benefit for employees of UCT Prague in various areas of professional life	
Measure number:	IP_2021_15	
Guarantor of the measure:	rector	
Principal Investigator:	Mgr. Petra Kinzlova, M.A. (961)	
Objectives of the measure according to SI2021+:	5. Build capacity for strategic management of higher education institutions	
Specification of the measure's objective:	<p><i>The aim of the proposed activity is to recognize the extraordinary contribution of specific employees for their work results and the development of UCT Prague in various areas of professional life. <u>Prof. Jitka Moravcová</u> will be awarded for outstanding pedagogical activities.</i></p> <p><i>Consideration of gender aspects in research and pedagogical work will be awarded with the <u>Julia Hamáčková Prize</u>, which is awarded in the categories of a) extraordinary contribution of women employees of UCT Prague to the development of science, research, pedagogy and innovation, including activities in the academic sphere and b) extraordinary contribution of male and female employees of the UCT Prague in the field of support and promotion of equal opportunities in labour relations and research at the UCT Prague. In category c), the Julia Hamáčková Prize is awarded for the work of students of bachelor's, master's and doctoral study programmes at UCT Prague who incorporate the gender aspect into their research topic.</i></p>	
Evaluation of measure objective fulfilment:	<p><i>The goal was fulfilled - the Rector's Prize for Pedagogy was awarded to two personalities of UCT Prague, namely RNDr. Ing. Hana Scholleová, Ph.D., and Ing. Ondřej Kunderát, Ph.D. Gender aspects in research and pedagogical work were evaluated and awarded the Julia Hamáčková Prize in two categories (for employees) - namely Ing. Petra Lipovová, Ph.D., in category a) for the extraordinary contribution of women to the development of science, research and pedagogy at UCT Prague and Ing. Kamila Zdeňková, Ph.D., in category b) for her outstanding contribution in the field of support and promotion of equal opportunities in labour relations and research. In the student category c) the award went to Bc. Martina Nová, a student at the Faculty of Environmental Technology.</i></p>	
Indicator:	awarded employees (2020: 3 → 2021: 4	
Reality Indicator:	12/2021:	4
Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>Proposals for candidates for the Rector's Awards are submitted to the Rector by members of the Rector's Council and other representatives of the academic community; in the case of the Pedagogy Awards, the Rector consults the candidates in particular with the Vice-Rector for Pedagogy. The award ceremony took place together with the presentation of the Rector's Awards in other categories and the presentation of the Emil Votoček Medal at the Christmas Concert of UCT Prague in Betlémské kapli on 13 December 2021. The results of the Julia Hamáčková Prize were announced in all three categories, the candidates for the award were selected by the evaluation committee after reviewing the nominations submitted and in accordance with the established rules. The award</i></p>	

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	<i>ceremony in categories a) and b) took place in a festive manner (albeit in a smaller circle due to anti-covid measures) on 4 January 2022.</i>		
Financial allocation (CZK):	250,000	of which NIV: 250,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Staff competence development courses		
Measure number:	IP_2021_16		
Guarantor of the measure:	bursar		
Principal Investigator:	Ing. Eliška Brůhová (966)		
Objectives of the measure according to SI2021+:	5. Build capacity for strategic management of higher education institutions		
Specification of the measure's objective:	<p><i>The aim of the activity is to offer employees access to training courses in various fields to strengthen their professional and transferable competencies useful for their work and personal development.</i></p> <p><i>Another goal is to create opportunities for meetings between the staff of the Rector's and Dean's offices of the faculties, to develop cooperation and strengthen the coordination of the implementation of planned process changes at the level of the institution and individual units of UCT Prague.</i></p>		
Evaluation of measure objective fulfilment:	<p><i>The objectives of the measures were met in accordance with the plan. Despite the unfavourable pandemic situation and restrictions on university operations, all planned events were organised and both planned indicators were met.</i></p>		
Indicators:	number of participants in external training (2020: 0 → 2021: 50 number of participants in internal training (2020: 0 → 2021: 70		
Reality indicators:	12/2021:	number of participants in external training	75
		number of participants in internal training	150
Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>A total of 150 licences for online training courses in soft and hard skills were purchased under the measure. The licences were distributed among the faculties and the rectorate departments. The specific participants were then nominated by the department/workplace. The range of access to individual courses for participants was not limited, they could target their learning according to their specific needs.</i></p> <p><i>It was not possible to hold the off-site meeting for the staff of the Rector's and Dean's offices due to the Covid-19 pandemic. It was replaced by internal MS Excel training. The training was implemented in two blocks of three consecutive courses, prepared for different levels of users.</i></p>		
Financial allocation (CZK):	400,000	of which NIV: 400,000	of which INV: 0
Spending of allocation (%):	114.2 %		
Justification in case of over-allocation:	For additional financing a part of the unspent funds of the contribution (approx. CZK 57 thousand) from the IP2021 measure to support internationalisation, the lower uptake of which was influenced by the persistent constraints related to the pandemic situation.		

Name of the measure:	Development of information systems at UCT Prague		
Measure number:	IP_2021_17		
Guarantor of the measure:	Vice-Rector for Strategy and Development		
Principal Investigator:	Ing. Pavel Härtel (990)		
Objectives of the measure according to SI2021+:	6. Reduce the administrative burden on university staff so that they can fully devote themselves to their mission		
Specification of the measure's objective:	<p><i>The measure addresses the development of the existing internal IS of UCT Prague in order to meet the requirements of legislation, reduce the administrative burden, improve functionality and user-friendliness and expand the possibilities of automation and computerization of some processes and activities:</i></p> <ol style="list-style-type: none"> 1) <i>development of the Identity Management System (IDM) - the aim is to ensure the sustainability and functionality of the identity management system by acquiring a new IDM system based on a detailed process model of the creation, life cycle and termination of identities at UCT Prague. The current system is no longer sustainable,</i> 2) <i>development of the Personnel Information System (PIS) - the aim is to modify the system to allow electronic approval of certain types of documents and to allow the input of multiple sources of funding,</i> 3) <i>renovation of the Grants and Projects (GaP) system - the aim of the system renovation is to switch to a new development and application interface, which will enable modifications and extensions of the application according to user requirements, increase the application security and facilitate the user comfort when working with the application. The original system was implemented in 2008 and is currently outdated both technologically and in terms of user experience.</i> 4) <i>extension of the Invoices app - the aim is to extend this app within FIS by a part of the preview to the File Service module and further to the Assets module,</i> 5) <i>simplification of the administration associated with the voting process in the exercise of the activities of academic self-governing bodies,</i> <p><i>development of the Student Information System (SIS) - computerisation of the process of issuing study certificates.</i></p>		
Evaluation of measure objective fulfilment:	<p><i>Within the set objective, all indicators according to the action plan were achieved, i.e. the existing internal IS of UCT Prague were developed to ensure compliance with the requirements of current legislation and to achieve a lower administrative burden on users.</i></p>		
Indicators:	<p>IDM_Life Cycle Process Model (2020: NO → 2021: YES) IDM_acquired SW (2020: NO → 2021: YES) PIS_electronic circulation of documents (2020: NO → 2021: YES) CIP_Multiple sources of funding (2020: NO → 2021: YES) GaP_updated module within MIS (2020: NO → 2021: YES) FIS_extended module Invoices (2020: NO → 2021: YES) University electronic voting system (2020: NO → 2021: YES) SIS_electronic confirmation of studies (2020: NO → 2021: YES)</p>		
Reality indicator:	12/2021:	IDM_Life Cycle Process Model	YES
		IDM_acquired software	YES
		PIS_electronic circulation of documents	YES

		CIP_Multiple sources of funding	YES
		GaP_updated module within MIS	YES
		FIS_extended Invoices module	YES
		University electronic voting system	YES
		SIS_electronic confirmation of studies	YES
Evaluation of the method/activity leading to the achievement of the objective(s):	<p>IDM: In the course of 2021, the tender documentation for the procurement was developed, including a process model of the identity lifecycle and a description of the data interfaces for data extraction or receipt. In the course of the solution, we approached CTU to see if we could cooperate in this and use their IDM for our environment. After a short analysis and finding that about 50% of the process procedures and software were the same, CTU were approached and a licence to use their software was purchased.</p> <p>PIS: In the context of the CIP indicators, the existing IS CIP supplier was approached and after the assignment was set, we received quotations from them and after formal processing, both modules were acquired.</p> <p>GaP: After the assignment was drawn up, a supplier company was selected on the basis of a tender for the upgrade of the existing GaP software and its subsequent installation, configuration and connection to other IS of UCT Prague. It is currently operating in test mode and after completion of this it will be handed over to full operation.</p> <p>FIS: On the basis of the assignment, the existing iFIS supplier was contacted and after sending its offer, the Invoices module was purchased, implemented into the existing environment and after test operation was transferred to the production environment. Currently it is already used by the employees of UCT Prague.</p> <p>Electronic voting: After market research and finding out the technical and user parameters of the offered solutions, software for electronic voting in both public and secret form was purchased. After implementation, the software was pilot tested in the dean elections with successful results. Subsequently, it was transferred to the production state and now it is gradually being used to create standard elections and votes according to the needs of individual employees of UCT Prague, or needs arising from the normal processes taking place at the university.</p> <p>SIS: One of the prerequisites for ensuring the computerisation of the process of issuing study certificates is to be able to automatically insert signatures, time stamps and electronic seals. Within the CESNET association, such SW and HW equipment was already created in previous years and, based on a formal procedure (signing a contract and paying the basic entry fee necessary for the configuration of the environment, etc.), it was made available for use in the IS of UCT Prague. A test connection between this SW and the SIS study system was put into operation, subsequently tested and currently the production environment is being connected, where the contractual relations between UCT Prague and the certificate provider still need to be resolved. At the technological level, the environment is functional and after the formalities are completed, it will go into production.</p>		
Financial allocation (CZK):	3,950,000	of which NIV: 1,300,000	of which INV: 2,650,000
Spending of allocation (%):	81.9 %		

<i>Reason for non-exhaustion of allocation:</i>	<p>Due to procedural reasons, the formal part of the purchase of the IDM license from CTU was delayed - the actual payment was not made until the beginning of 2022, and thus was not drawn from the IP2021 contribution.</p> <p>The unspent contribution funds have been transferred to the FRIM from the contributions and will be used in the following period for the implementation of the SI2021+ measures.</p>
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Name of the measure:	Project Centre (ProC)		
Measure number:	IP_2021_18		
Guarantor of the measure:	Vice-Rector for Science and Research		
Principal Investigator:	Ing. Hana Stepankova (965)		
Objectives of the measure according to SI2021+:	6. Reduce the administrative burden on university staff so that they can fully devote themselves to their mission		
Specification of the measure's objective:	<i>The aim of the activity is to create a centralized workplace focused on project support for project developers at UCT Prague throughout the project life cycle in order to reduce the administrative burden of project developers and increase the number of submitted projects, the success rate of project applications in calls, and minimize risks during project implementation. The Project Centre will provide support for all types of projects at UCT Prague - R&D projects, mobility projects, international and educational projects, projects from operational programmes, etc., which are still administratively supported by several different departments.</i>		
Evaluation of measure objective fulfilment:	<i>Both objectives were met. The ProC was incorporated as an organizational unit (institute) into the internal regulations and integrated into the systems of UCT Prague at the beginning of 2021. A team of faculty project specialists was created through external recruitment and their training was completed. Scientists are now offered the opportunity to benefit from ProC support in the preparation and implementation of projects.</i>		
Indicators:	inclusion of ProC in the internal regulations of UCT Prague (2020: NO → 2021: YES) number of new jobs created under ProC (2020: 0 → 2021: 6)		
Reality indicator:	12/2021:	inclusion of ProC in the internal regulations of UCT Prague	YES
		number of new jobs created within ProC	4
Reason for non-fulfilment of the indicator:	4 new positions have been created so far, one for each faculty. 2 more reinforcements still need to be found. In 2021, more suitable candidates could not be found, which was probably also related to the Covid-19 pandemic, where many suitable candidates clearly had to care for children or loved ones at home and it was not easy to change jobs. Due to the delay in the reconstruction of premises in Zikova Street, where the ProC was to be located, even in the current ProC premises there was not enough capacity for a larger collective.		
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>The incorporation of the ProC into the internal regulations was carried out in accordance with the applicable procedures, discussed at the AS of UCT Prague, the process was led/controlled by a lawyer. The recruitment of new employees was carried out by advertising on the website and the official board of UCT Prague and on the jobs.cz portal, where the ProC manager works with the Teamio application. New colleagues were trained internally by more experienced colleagues and also through external training (e.g. TC CAS). Some activities had to be done through Teams because of the pandemic. The agenda under ProC is very extensive and training is continuous. Existing staff need to continually educate themselves and improve and update their knowledge.</i>		

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Financial allocation (CZK):	600,000	of which NIV: 600,000	of which INV: 0
Spending of allocation (%):	67.8 %		
<i>Reason for non-exhaustion of allocation:</i>	<p>The allocation has not been exhausted due to the non-fulfilment of the indicator of the number of created positions (2 positions remain to be filled). It was also planned to use the funds to retrofit the ProC facilities in the newly reconstructed premises in Zikova Street. We expect to use the unspent funds in 2022.</p> <p>The unspent contribution funds have been transferred to the FPP and will be used in the following period for the implementation of the SI2021+ measures.</p>		

Name of the measure:	Language skills development for PhD students		
Measure number:	IP_2021_19		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	PhDr. Ivana Dolejšová (834)		
Objectives of the measure according to SI2021+:	1. Developing global competencies of students and staff in higher education institutions		
Specification of the measure's objective:	<i>The main objective of the activity is to offer PhD students of UCT Prague the opportunity to deepen their linguistic knowledge and competencies in English, especially in the field of professional and academic language, including the presentation and communication skills necessary to join international scientific teams. PhD students who need to take the FCE or CAE international English exam will be offered preparation courses for these exams.</i>		
Evaluation of measure objective fulfilment:	<i>In 2021, 27 language courses for students of doctoral programmes were implemented, attended by 182 students. The number of participants in the courses was 12 students higher than planned.</i>		
Indicators:	number of courses (2020: 23 → 2021: 27 number of participants in the courses (2020: 158 → 2021: 170)		
Reality indicator:	12/2021:	number of courses	27
		number of participants in the courses	182
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>Intensive specialised English courses were implemented, focusing mainly on professional and academic language (January, June and September 2021) and semester courses in Effective Scientific Writing, German and Spanish (LS 2020/2021, ZS 2021/2022).</i>		
Financial allocation (CZK):	1,000,000	of which NIV: 1,000,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Language skills development for staff		
Measure number:	IP_2021_20		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	PhDr. Ivana Dolejšová (834)		
Objectives of the measure according to SI2021+:	1. Developing global competencies of students and staff in higher education institutions		
Specification of the measure's objective:	<i>The aim of the activity is to offer the academic staff of UCT Prague the opportunity to deepen their language skills and competences in foreign languages, especially English, as part of systematic pedagogical training and support for improving their qualifications. Knowledge of English is also becoming a necessity for a large number of non-academic staff due to the increasing internationalisation of the environment of UCT Prague.</i>		
Evaluation of measure objective fulfilment:	<i>In 2021, 29 courses for staff were delivered, attended by 185 participants. The number of courses and participants exceeded the plan due to the fact that more intensive courses were implemented at the request of staff.</i>		
Indicators:	number of courses (2020: 23 → 2021: 25 number of participants in the courses (2020: 142 → 2021: 160)		
Reality indicator:	12/2021:	number of courses	29
		number of participants in the courses	185
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>Courses were implemented in English, German, French, Russian and Spanish. These were intensive courses (January, June, September 2021) and semester courses (LS 2020/2021 and CW 2021/2022).</i>		
Financial allocation (CZK):	991,000	of which NIV: 991,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Support for hosting renowned foreign experts		
Measure number:	IP_2021_21		
Guarantor of the measure:	Vice-Rector for External Relations and Communication		
Principal Investigator:	Bc. Filip Faltejsek (974)		
Objectives of the measure according to SI2021+:	1. Develop global competencies of students and staff in higher education institutions		
Specification of the measure's objective:	<i>The aim of the measure is to improve the quality of teaching of students, to expand the language and professional competencies of students and staff, to strengthen the international environment of the school through teaching stays of foreign experts from partner institutions. Students and employees have a unique opportunity to participate in classes led by foreign teachers without having to leave the campus of UCT Prague. The intention is to bring the disciplinary and pedagogical knowledge of foreign experts to UCT Prague and thus contribute to the development of UCT Prague itself. An integral goal of the activity is to develop existing and create new contacts for future cooperation in various areas of teaching and scientific research.</i>		
Evaluation of measure objective fulfilment:	<i>Thanks to the support of hosting foreign experts, the international environment at UCT Prague was strengthened - employees and students had the opportunity to attend lectures and workshops of experts from abroad and thus strengthen their language and professional skills and establish professional contacts. Despite the unfavourable epidemiological situation, we managed to host more than the expected number of foreign experts, who conducted a total of 22 educational activities (lectures or workshops) attended by over 316 participants.</i>		
Indicators:	number of supported hosting of foreign experts (2020. 3 → 2021: 5 number of lectures/seminars/workshops (2020. 5 → 2021: 8		
Reality indicator:	12/2021:	number of supported hosting of foreign experts	8
		number of lectures/seminars/workshops	22
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>Financial and organizational support was provided for the hosting of foreign experts on the basis of applications submitted by the employees of UCT Prague. Applications were approved by an expert committee. Travel, accommodation and, where applicable, remuneration to the foreign expert were paid. In 2 cases, online hosting was carried out using remote means, mainly due to anti-pandemic measures.</i>		
Financial allocation (CZK):	300,000	of which NIV: 300,000	of which INV: 0
Spending of allocation (%):	49.9 %		
Justification in case of over-allocation:	Due to the persistent adverse epidemiological situation caused by the ongoing Covid-19 pandemic, there was less interest in hosting than in previous years. There have been no hosting of experts from non-European countries, which are more expensive than hosting from Europe (higher travel costs), due to the inability or lack of interest to travel between continents in 2021. In addition, 2 of the hostings took place online, which		

	are also less expensive than face-to-face hosting. In addition, the actual uptake against the predicted applications was only 66.4% and, as the hostings took place in the 4th quarter of 2021, it was not possible to use the unspent funds to organise further hostings.
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Name of the measure:	Support for student and staff mobility - especially outside the Erasmus+ framework		
Measure number:	IP_2021_22		
Guarantor of the measure:	Vice-Rector for External Relations and Communication		
Principal Investigator:	Bc. Filip Faltejsek (974)		
Objectives of the measure according to SI2021+:	1. Develop global competencies of students and staff in higher education institutions		
Specification of the measure's objective:	<p><i>The aim of the measure is to support outward mobility of students and staff in order to gain new knowledge and experience applicable to work, study or future employment of graduates.</i></p> <p><i>Students of all study cycles will be supported to go on short and long-term study stays and practical internships, with a particular focus on stays that cannot be funded by the Erasmus+ programme, e.g. ATHENS, participation in professional workshops, summer/winter schools and international conferences. In addition to professional growth, these placements provide participants with the opportunity to become familiar with a foreign language environment in a relatively short period of time and often serve as a motivator for further creative growth and for future study and/or research trips abroad for longer periods.</i></p> <p><i>Long-term student placements of one month or more include study stays and practical internships at partner and non-partner institutions in both the academic and commercial spheres, which enable participants to gain deeper professional knowledge and better develop their personal qualities through extended time abroad.</i></p> <p><i>Employees will be supported to go on practical internships, such as job shadowing. Sharing knowledge and experience from abroad contributes to the professional and personal growth of employees, brings new impulses and motivates employees to change/improve their work.</i></p>		
Evaluation of measure objective fulfilment:	<p><i>Thanks to the financial support, it was possible to enable the implementation of foreign mobility for students and employees of UCT Prague, which allowed them to gain new knowledge that contributed to their personal and professional development. Short-term trips to conferences and training courses were supported, as well as long-term trips (over 30 days) to allow for deeper professional development.</i></p>		
Indicators:	<p>number of short-term trips (<30 days) (2020: 7 → 2021: 30)</p> <p>number of long-term trips (≥30 days) (2020: 6 → 2021: 20)</p>		
Reality indicator:	12/2021:	number of short-term trips (<30 days)	11
		number of long-term trips (≥30 days)	45
Reason for non-fulfilment of the indicator:	<p>Unfortunately, the indicator on the number of short-term trips, i.e. generally conferences, workshops and short-term intensive courses, e.g. within the ATHENS network, could not be met. This was due to the ongoing situation caused by the Covid-19 pandemic, where a large number of these events did not take place/were cancelled due to ongoing anti-pandemic measures. On the other hand, longer-term mobility has been achieved well above what was planned. Longer-term mobility was less affected by anti-pandemic measures because its longer duration does not create an</p>		

	obstacle, for example, with the need for quarantine for the first week or two at the start of the trip, which is often the entire length of a short-term trip.		
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>The goal was achieved by means of the mobility programme of UCT Prague, namely "MOBI", whose rules precisely define the possibilities and conditions of the trips. Those interested in applying for the trip submit an application to the programme and this is reviewed by a panel who decide on its approval/ disapproval. The conditions and funding levels are announced in advance, as is the precise administrative process. The International Department also assists mobility participants with organisational matters, in particular in 2021 by advising on travel conditions in relation to the anti-pandemic measures in force at the time of the trips in the various countries.</i>		
Financial allocation (CZK):	2,500,000	of which NIV: 2,500,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Web application for mobility search		
Measure number:	IP_2021_23		
Guarantor of the measure:	Vice-Rector for External Relations and Communication		
Principal Investigator:	Bc. Filip Faltejsek (974)		
Objectives of the measure according to SI2021+:	1. Develop global competencies of students and staff in higher education institutions		
Specification of the measure's objective:	<i>The ideal long-term goal is for every student to gain some international experience during their studies from the wide range of opportunities on offer. It can be difficult for students to navigate the current range of options, so the current intention for 2021 is for there to be a simple tool on the International Department's website which, once the criteria have been entered, can advise the student on the appropriate type of trip to utilise. Alternatively, after specifying other criteria such as study programme, advise on suitable institutions to go to. The aim is therefore to facilitate a tailor-made mobility opportunity that will develop the student's competencies.</i>		
Evaluation of measure objective fulfilment:	<i>The aim of this measure was to allow a personalised range of mobility offers and opportunities to be displayed in one place. The database-application which had been thought about was not created. However, individualised counselling was still provided directly by the ID staff. However, it is less time efficient than using an app.</i>		
Indicator:	web application for mobility search (2020: NO → 2021: YES)		
Reality Indicator:	12/2021:	No	
Reason for non-fulfilment of the indicator:	The creation of the application was intended in the context of further modifications of the IT systems of UCT Prague used by the International Department and in direct connection with the creation of a new International Department website. Due to the delay of these related steps, both for external reasons (API vendor), the ongoing Covid-19 pandemic, when IT staff were busy with online teaching and related modifications and development of systems at UCT Prague, and internal - unplanned staff changes at the ID. Therefore, the indicator has not been met. However, no financial support was received for this activity.		
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>On the basis of clearly defined criteria (study cycle, study programme, student's professional interest, length of the trip, country/region preference, foreign language skills, financial requirements, organisational complexity), the most suitable mobility offer/partner institution will be recommended. This can be achieved either by individual advice from the ID or more time-efficiently by digitisation - an electronic signposting system.</i>		
Financial allocation (CZK):	50,000	of which NIV: 50,000	of which INV: 0
Spending of allocation (%):	0 %		
Reason for non-exhaustion of allocation:	The creation of the application was intended in the context of further modifications of the IT systems of UCT Prague used by the International Department and in direct connection with the creation of a new		

	<p>International Department website. Due to the delay of these related steps, both for external reasons (API vendor), the ongoing Covid-19 pandemic, when IT staff were busy with online teaching and related modifications and development of systems at UCT Prague, and internal - unplanned staff changes at the ID. Thus, the indicator was not met, but no financial support was drawn for this activity.</p> <p>The unspent contribution funds have been transferred to the FPP and will be used in the following period for the implementation of the SI2021+ measures.</p>
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Name of the measure:	Promotion of UCT Prague abroad to attract students, academics and employees		
Measure number:	IP_2021_24		
Guarantor of the measure:	Vice-Rector for External Relations and Communication		
Principal Investigator:	Bc. Filip Faltejsek (974)		
Objectives of the measure according to SI2021+:	4. Create an international environment at universities and promotion abroad		
Specification of the measure's objective:	<i>The aim of the measure is to recruit self-paying foreign students, as well as academics and scientists from abroad to UCT Prague with the help of promotional activities of UCT Prague abroad. The measure will contribute to the priority objective and will lead to a strengthening of internal internationalisation. The means to achieve the goal is to reach the selected target groups of potential foreign students and employees using tools such as study portals, fairs, visible advertising of job positions and the use of social media.</i>		
Evaluation of measure objective fulfilment:	<i>In 2021, promotional activities focused on reaching pre-selected groups of people in order to raise awareness of UCT Prague as a leading university not only in the Czech Republic but also on a transnational scale. In particular, it was aimed at promoting UCT Prague as an ideal place for foreigners to study in English, thanks to the quality of the provided teaching and the location in Prague being an attractive place for studying science and now also economic fields. According to the initial evaluation based on the number of applications received, which was a record for the last 4 years, it was a successful fulfilment of the set objectives.</i>		
Indicators:	number of direct participations of UCT Prague at foreign trade fairs (2020: 6 → 2021: 7) evaluation of marketing activities promoting study and job opportunities at UCT Prague (2020: N/A → 2021: YES)		
Reality indicator:	12/2021:	number of direct participations of UCT Prague at foreign trade fairs	0
		evaluation of marketing activities promoting study and job opportunities at UCT Prague	YES
Reason for non-fulfilment of the indicator:	Based on the evaluation of the success of the promotional activities and channels used in 2020, which was heavily affected by the Covid-19 pandemic, the planned promotional tools had to be carefully considered in view of the current situation in 2021. Unfortunately, the traditional in-person participation in international education fairs was not possible even in 2021. According to the evaluation of the success of the activities for the previous year 2020, it was found that the online versions of the fairs did not meet expectations and did not bring a significant number of applications, so this channel exceeded the cost per application several times higher than other online promotion channels. Therefore, instead of participating in (online) trade fairs, it was decided in spring 2021 to use online promotion using an agency that provides professional promotion on social media.		

Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>In view of the still ongoing unfavourable epidemiological situation, which was worse than expected in the previous year, and based on the experience of promotion using online tools and their evaluation in the previous year, when the situation was similar, the decision was made to use online tools where their performance can be directly measured. This was done by paid promotion on Study portals, which according to measurements brings up to 20% of traffic to the study.vscht.cz website. In addition, the services of Hybrid News Limited were used, which prepared and implemented an online campaign promoting studies at UCT Prague, especially in fields of study that are in demand, focused on the environment and biochemistry. The promotional materials included a promotional video focused on high school counsellors, who have great potential to influence the direction of high school students in their further studies. After evaluating the success (or not) of promotion at on-line fairs, when only their on-line version was possible, the favourable offer of Keystone agency was used to promote the use of their on-line tools.</i></p>		
Financial allocation (CZK):	600,000	of which NIV: 600,000	of which INV: 0
Spending of allocation (%):	98 %		
Reason for non-exhaustion of allocation:	<p>In 2021, there were unplanned personnel changes in the International Department, which also affected the position responsible for promotional activities. This caused delays in planned promotional activities due to the handover of the agenda and the need to train a new member of staff. At the same time, a foreign trip was planned to promote studies at UCT Prague, but due to the worsening epidemiological situation, it had to be cancelled in the autumn and could not be hastily replaced in its full form online.</p> <p>The unspent contribution funds have been transferred to the FPP and will be used in the following period for the implementation of the SI2021+ measures.</p>		

Name of the measure:	Motivational support for excellence, integration and study conditions of international students		
Measure number:	IP_2021_25		
Guarantor of the measure:	Vice-Rector for External Relations and Communication		
Principal Investigator:	Bc. Filip Faltejsek (974)		
Objectives of the measure according to SI2021+:	4. Create an international environment at universities and promotion abroad		
Specification of the measure's objective:	The aim of the activity is to support foreign students studying in study programmes taught in a foreign language, who form an integral part of the internationalisation activities of the school and contribute to the improvement of both the academic and non-academic environments at the university. The excellence of foreign students, the initiative of students beyond the basic study obligations and their participation in improving the integration of the education of Czech and foreign students will be supported.		
Evaluation of measure objective fulfilment:	The goal was fulfilled - the scholarship supported the academic excellence of foreign students studying in a foreign language at UCT Prague. At the same time, activities that helped to improve the environment for foreign students and their integration into teaching and the academic community of UCT Prague were supported.		
Indicator:	number of scholarships paid (2020: 22 → 2021: 40		
Reality Indicator:	12/2021:	60	
Evaluation of the method/activity leading to the achievement of the objective(s):	UCT Prague offers a scholarship program for foreign students studying in a foreign language, where on the basis of clearly defined criteria (grade-point average, meeting the required number of ECTS, teacher recommendations) + the possibility to apply in case of a difficult life situation, scholarships are thus awarded. Students studying in a foreign language are not eligible for other scholarships offered in study programmes in Czech language. Furthermore, the exceptional activity of students leading to the improvement of conditions and integration of foreign students of UCT Prague into teaching and academic life at UCT Prague was individually supported. These are mainly volunteer activities - the activities of the Erasmus Student Network Club at UTC Prague, along with organization of, and participation in the Buddy Programme.		
Financial allocation (CZK):	1,500,000	of which NIV: 1,500,000	of which INV: 0
Spending of allocation (%):	42.6 %		
Reason for non-exhaustion of allocation:	Unfortunately, it is not possible to determine in advance the exact number of students who will meet the required criteria of the scholarship programme for international students. This is particularly the case when fewer students than usual meet the criteria (online teaching during the pandemic). Even volunteer activities - by their very nature voluntary - have variability in their scope and cannot be accurately estimated in advance. In addition, due to the ongoing restrictions as a result of the Covid-19 pandemic, there were fewer events than would normally take place and therefore fewer activities that would normally be awarded a grant.		

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	The unspent contribution funds have been transferred to the FPP and will be used in the following period for the implementation of the SI2021+ measures.
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Name of the measure:	UCTP Welcome Centre (WelCen)		
Measure number:	IP_2021_26		
Guarantor of the measure:	Vice-Rector for External Relations and Communication		
Principal Investigator:	Bc. Filip Faltejsek (974)		
Objectives of the measure according to SI2021+:	4. Creating an international environment at universities and promotion abroad		
Specification of the measure's objective:	<i>Setting up and launching the UCT Prague Welcome Centre (WelCen) aims to contribute to the improvement of conditions for foreign guests, employees and students at UCT Prague. The aim of WelCen's activities is to simplify the life situation of the listed groups of people during their stay in the Czech Republic by providing services and information related to it so that their stay in the Czech Republic and work at UCT Prague does not bring them an increased administrative burden and they can fully concentrate on their research or studies. WelCen can provide assistance to foreign persons in dealing with difficult situations Following the results of the PRADIP analytical project, the implementation of specific procedures will be initiated to enable WelCen to assist with the necessary administrative and other tasks for successful relocation and living in the Czech Republic. The next task will be to create such conditions so that UCT Prague becomes a desirable destination for foreign researchers, workers and students, which will be sought after not only for the quality of research and studies, but also for the ease with which it will be possible to start operating at UCT Prague. The ultimate goal is to strengthen the international environment of UCT Prague and its attractiveness for potential foreign employees, scientists and students and to strengthen the reputation of UCT Prague abroad as a quality research university.</i>		
Evaluation of measure objective fulfilment:	<i>The UCTP Welcome Centre (WelCen) has continued its development and expanded its offer of professional and effective services for guests coming to UCT Prague. The individual processes for the different life situations of the guests were defined and implemented in cooperation with other departments of UCT Prague.</i>		
Indicator:	welCen procedures developed and implemented (2020: NO → 2021: YES)		
Reality Indicator:	12/2021:	YES	
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>On the basis of the training and the knowledge gained from the training and the outputs of other projects, detailed instructions for dealing with life situations for foreigners coming to the Czech Republic were prepared. The preparation of the guidelines also served to define the services provided by the Welcome Centre of the International Department.</i>		
Financial allocation (CZK):	100,000	of which NIV: 100,000	of which INV: 0
Spending of allocation (%):	44.6 %		
Reason for non-exhaustion of allocation:	Due to the ongoing Covid-19 pandemic and the related restrictions, the offer of training and the possibility of visits for the purpose of drawing on good practice at higher education institutions in the Czech Republic and		

	abroad has been reduced. The planned trips, postponed several times, could not take place. The unspent contribution funds have been transferred to the FPP and will be used in the following period for the implementation of the SI2021+ measures.
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Name of the measure:	Adapting open days to the changing characteristics of applicants - a new interactive platform and relevant content	
Measure number:	IP_2021_27	
Guarantor of the measure:	Vice-Rector for External Relations and Communication	
Principal Investigator:	Mgr. Michal Janovský (979)	
Objectives of the measure according to SI2021+:	Other measures (a) - n))	
Specification of the measure's objective:	<i>Today's generation of job seekers spend the vast majority of their lives online. This fact is compounded by the current pandemic of the covid-19 disease, which makes it virtually impossible for applicants to have physical contact with the university, traditionally provided in the form of Open Days (OD). The aim is therefore to build an online equivalent to OD that allows prospective students to interact live while conveying the atmosphere and environment of the university in an audiovisual and attractive way, answering all questions and presenting the study programmes. The basic philosophy is to adapt the content to the requirements of the candidates and the current state of technology. Adapting the OD to the changing characteristics of candidates - a new interactive platform and relevant content.</i>	
Evaluation of measure objective fulfilment:	<i>Objective - the realization of a full-format on-line open day of UCT on a multifunctional modern web platform was realized. An online OD was implemented in February 2021 and was visited by over 1200 candidates. Based on the feedback, faculty videos were then produced and made available to applicants throughout 2021, as well as a virtual tour of the school and discussions with students.</i>	
Indicator:	OD online platform (2020: NO → 2021: YES)	
Reality Indicator:	12/2021:	YES
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>A survey of potential applicants was conducted to determine their expectations of the online version of the open day. An analysis of the available technology and consultation with professionals in the field of organizing online events was carried out. After deciding on the technology (Attendu) and the OD scenario, a tender was implemented for an external technology provider, microsite and event producer in one. Subsequently, a microsite for the OD was created, AV presentations (excursions, halls, programs) were filmed, supporting materials and information were prepared, and a team was assembled for live interaction with applicants. Everything was implemented so that a substantial part of the content stood up even outside the "live days" of the OD and functioned as a valuable complementary part of the studuj.vscht.cz website.</i>	

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Financial allocation (CZK):	750,000	of which NIV: 750,000	of which INV: 0
Spending of allocation (%):	106.5 %		

Name of the measure:	Chemistry content incubator		
Measure number:	IP_2021_28		
Guarantor of the measure:	Vice-Rector for External Relations and Communication		
Principal Investigator:	Mgr. Michal Janovský (979)		
Objectives of the measure according to SI2021+:	Other measures (a) - n))		
Specification of the measure's objective:	<p><i>Based on the literature and experience from recent years, it is clearly shown that the most effective way to reach potential applicants is both strong university branding and communication based on relevant, audiovisual and professionally processed unique content related to the university's activities. Only such content can repeatedly attract the attention of an audience that faces tens of thousands of information stimuli per day and uncompromisingly does not react to content that does not correspond to the above. The aim of the measure is to create a space (incubator) for the active, focused regular production of specific content relevant to applicants in the form required by the primary target group aged 15 - 18, including the management of social media, and through this to increase interest in our study programmes and in the university as a whole.</i></p>		
Evaluation of measure objective fulfilment:	<p><i>The aim of the measure was to create a space (incubator) for active, focused regular production of specific content relevant to applicants in the form required by the primary target group aged 15 - 18, including the management of social media, and through this to increase interest in our study programmes and in the university as a whole. The goal has been achieved. A relevant number of newsletters were sent to applicants, new YouTube videos were made for the study programmes and the number of followers on Instagram exceeded the 5000 mark.</i></p>		
Indicators:	number of newsletters sent to applicants (2020: 0 → 2021: 6 number of followers on Instagram (2020: 4700 → 2021: 5000)		
Reality indicator:	12/2021:	number of newsletters sent to applicants	6
		number of followers on Instagram	5400
Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>In 2021, a professional and communication-savvy expert (BcA. Lumír Košář) was recruited, who worked with a small team consisting of representatives of the communication department, selected students and an external cameraman / editor, with the sole aim of producing specific content for potential applicants. This person actively sought out interesting topics for communication with the target group, creatively developed these topics together with the team into various forms and ensured their distribution to the target group. In addition, this employee was responsible for the content and communication on the school's social media, studuj.vscht.cz, the school's youtube channel, etc. Regular newsletters for registered applicants were also created.</i></p>		
Financial allocation (CZK):	800,000	of which NIV: 800,000	of which INV: 0
Spending of allocation (%):	97.9 %		

<i>Reason for non-exhaustion of allocation:</i>	Costs were slightly lower than estimated due to the outcome of the tender for external services. The unspent contribution funds have been transferred to the FPP and will be used in the following period for the implementation of the SI2021+ measures.
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Name of the measure:	Motivational integration courses for students		
Measure number:	IP_2021_29		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	Mgr. Martin Mašek (827)		
Objectives of the measure according to SI2021+:	Other measures (a) - n))		
Specification of the measure's objective:	The aim of the measure is the development of the community dimension of the university, strengthening the shared identity of UCT Prague and the social integration of students as a prevention against academic failure, including the development of social capital of students. Organisations and events that bring learners together from the very beginning of their studies, for example through introductory courses or sports courses held outside the school environment, are of particular importance in terms of preventing academic failure. Equally important is the strengthening of internationalisation and the promotion of social integration of international students, including their cooperation with domestic colleagues.		
Evaluation of measure objective fulfilment:	The goal was fulfilled by implementing sports integration courses.		
Indicator:	number of participants in courses & competitions (2020: 130 → 2021: 130		
Reality Indicator:	12/2021:	120	
Reason for non-fulfilment of the indicator:	The planned number of participants could not be reached because it was not possible to hold the dragon boat competition due to government measures against the Covid-19 pandemic.		
Evaluation of the method/activity leading to the achievement of the objective(s):	The goal was achieved by the attractiveness of the cycling courses offered in Doubí and Třeboň. In the integration courses we create conditions that contribute to meeting and getting to know each other. The activities lead students to cooperate, discuss and understand each other. Thanks to the project, we organize courses accessible to all with the aim of deeper integration within the school.		
Financial allocation (CZK):	250,000	of which NIV: 250,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Motivational support for gifted students - support for learning outcomes		
Measure number:	IP_2021_30		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	Ing. Petra Kubová (963)		
Objectives of the measure according to SI2021+:	Other measures (a) - n))		
Specification of the measure's objective:	<i>The aim of the activity is to motivate students financially to achieve the best possible academic results. Studying in Prague is financially demanding for most students. Thanks to this financial support, students can also devote more time to their studies and thus develop their skills and abilities. The best students of the first year of Bachelor's studies are also included in the merit scholarships, where the results after the first semester of Bachelor's studies are decisive for the awarding of scholarships (Scholarship Regulations Article 4, paragraph 5). The aim of this activity is to increase the amount paid with at least the current number of students supported. The merit scholarships also include one-off scholarships that the student or graduate receives for the entire course of study. Specifically, these are graduates where the overall result of the study is up to and including an average of 1.5 and at the same time meet other conditions according to the Scholarship Regulations Article 29, 31, paragraph 10.</i>		
Evaluation of measure objective fulfilment:	<i>The objective was met, the amount was used mainly to finance extraordinary merit scholarships for students of UCT Prague to increase their motivation to achieve the best possible academic results, which were paid to a total of 66 students for exceptionally successful studies in the first year of bachelor studies. A total of 764 students of UCT Prague were awarded scholarships and red diploma scholarships. A total of 138 students were also awarded the red diploma.</i>		
Indicator:	number of students supported (2020: 450 → 2021: 500)		
Reality Indicator:	12/2021:	764	
Evaluation of the method/activity leading to the achievement of the objective(s):	<i>The funds were used to finance exceptional merit scholarships for first year Bachelor's students, merit scholarships for Bachelor's and Master's students of all 4 faculties, and scholarships for graduates for the red diploma. Exceptional merit scholarships were paid to a total of 66 students for exceptionally successful studies in the first year of the Bachelor's degree. A total of 764 students of UCT Prague were awarded scholarships and red diploma scholarships. A total of 138 students were also awarded the red diploma.</i>		
Financial allocation (CZK):	1,130, 000	of which NIV: 1,130,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Motivational support for gifted students - support for sports representatives		
Measure number:	IP_2021_31		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	Mgr. Martin Mašek (827)		
Objectives of the measure according to SI2021+:	Other measures (a) - n))		
Specification of the measure's objective:	The aim of the project is to support talented students, namely top athletes representing UCT Prague at academic championship competitions. Part of the support is also an award for students who participate in the organizational and representative activities of UCT Prague sports clubs.		
Evaluation of measure objective fulfilment:	The objectives were met. 15 students with exceptional sports performance in individual and collective sports representing UCT Prague at academic and non-academic championship competitions were supported. Olympic athletes are among the supported students.		
Indicator:	number of students supported (2020: 15 → 2021: 15)		
Reality Indicator:	12/2021:	15	
Evaluation of the method/activity leading to the achievement of the objective(s):	The goal was achieved by systematically supporting students with exceptional sports performance and creating conditions for representing the university at top competitions. The Department of Physical Education and Sports is the sending unit for the academic championships. This applies to both individual and team sports.		
Financial allocation (CZK):	100,000	of which NIV: 100,000	of which INV: 0
Spending of allocation (%):	100 %		

Name of the measure:	Popularisation of chemistry - a comprehensive programme for pupils and teachers		
Measure number:	IP_2021_32		
Guarantor of the measure:	Vice-Rector for Education		
Principal Investigator:	RNDr. Petr Holzhauser, Ph.D. (832)		
Objectives of the measure according to SI2021+:	Other measures (a) - n))		
Specification of the measure's objective:	<p><i>The aim of the measure is to support particularly gifted secondary school students and to increase the competencies of secondary school teachers and the popularisation of science.</i></p> <p><i>An important type of UCT Prague activity for secondary school students will be the organization of laboratories for those secondary schools that do not have their own chemistry laboratory. Teaching of laboratory exercises is led by a teacher of the cooperating secondary school with the support of assistants from among the students and employees of UCT Prague. The high level and attractiveness of this type of teaching is ensured by the modern environment of the newly built chemistry teaching laboratories.</i></p> <p><i>The comprehensive programme will also include the organisation of training events for primary and secondary school teachers. These events are accredited by the Ministry of Education and thus enable teachers to meet the requirements for continuing lifelong education. Teachers not only gain up-to-date expertise in various areas of science and technology, but also an overview of study options and curriculum offerings that they can pass on to their students.</i></p>		
Evaluation of measure objective fulfilment:	<p><i>The objectives of the measures were met in accordance with the plan. Despite the unfavourable pandemic situation and restrictions on university operations, all planned events were organised and both planned indicators were met.</i></p>		
Indicators:	<p>number of teachers/students - participants of the Summer School for teachers and students of secondary schools (2020: N → 2021: N+100)</p> <p>number of students - participants in basic laboratory exercises for secondary schools (2020: N → 2021: N+400)</p>		
Reality indicator:	12/2021:	number of teachers/students - participants of the Summer School for teachers and students of secondary schools	N+270
		number of students - participants in basic laboratory exercises for secondary schools	N+495
Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>Given that the events organised under this measure are of a traditional nature and the participants show great interest in them, the way they are organised and promoted is sufficient, as evidenced by the significantly exceeded fulfilment of the number of participants in the Summer School indicator. In the following years, the focus will be on innovating activities and updating the content of lectures and laboratory exercises.</i></p>		
Financial allocation (CZK):	860,000	of which NIV: 860,000	of which INV: 0

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Spending of allocation (%):	100 %		
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Name of the measure:	Popularization of chemistry - Modern chemistry lesson, participation in events to popularize science		
Measure number:	IP_2021_33		
Guarantor of the measure:	Vice-Rector for External Relations and Communication		
Principal Investigator:	Ing. Dana Bílková (979) → Mgr. Michal Janovský (979)		
Objectives of the measure according to SI2021+:	Other measures (a) - n))		
Specification of the measure's objective:	<p><i>The aim of the measure is to introduce chemistry and key chemistry-related disciplines to students of secondary and primary schools in a positive and friendly way. Representatives of UCT Prague explain the latest trends in chemistry and show practical applications of chemistry which our everyday life cannot do without. The programme is very interactive, taking the form of dialogue and practical involvement of the pupils, with many experiments being demonstrated during the lesson. This makes the results of the creative activities of UCT Prague accessible to the general public.</i></p> <p><i>Another objective of the measure is the participation of UCT Prague in events popularizing science, especially with the active participation of students.</i></p>		
Evaluation of measure objective fulfilment:	<p><i>The aim of the measure was to introduce chemistry and key chemistry-related disciplines to students of primary and secondary schools, another objective of the measure was the participation of UCT Prague in events popularizing science, especially with the active participation of students. Both objectives were achieved, despite the Covid-19 pandemic. Over 14,000 primary and secondary school pupils were contacted, both in-person and online. 25 worksheets and guides for secondary school teachers were prepared. UCT Prague also participated in 6 events concerned with popularizing science, including Chemshow, Festival of Science, Chemquest and Hanami.</i></p>		
Indicators:	<p>number of pupils reached in primary and secondary schools (2020: 13000 → 2021: 14000)</p> <p>number of online popularization materials (video, worksheet, work instructions) (2020: 20 → 2021: 25)</p> <p>number of events popularising science in which UCT Prague participates (2020: 5 → 2021: 6)</p>		
Reality indicator:	12/2021:	number of pupils contacted from primary and secondary schools	14700
		number of online popularization materials	25
		number of events popularizing science in which UCT Prague participates	6
Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>The way of conducting the activity proved to be relevant and appropriate. Students received training, provided by a representative of the Communication Department of UCT Prague and an experienced lecturer, on the rules of popularization of scientific activities and communication with the audience, on the rules of creating on-line popularization materials, as well as on health and safety at work. Under the expert supervision of experienced lecturers, they also verified the acquired competencies directly in practical teaching at primary or secondary schools. The trained students</i></p>		

	<i>then joined the team of lecturers who represent UCT Prague through the popularization of chemistry and key chemical disciplines.</i>		
Financial allocation (CZK):	1,000,000	of which NIV: 1,000,000	of which INV: 0
Spending of allocation (%):	100.4 %		

Name of the measure:	Promoting teaching and communication skills of students and staff with a focus on the transfer of knowledge through popularization of the given subject		
Measure number:	IP_2021_34		
Guarantor of the measure:	Vice-Rector for External Relations and Communication		
Principal Investigator:	Ing. Dana Bílková (979) → Mgr. Michal Janovský (979)		
Objectives of the measure according to SI2021+:	Other measures (a) - n))		
Specification of the measure's objective:	<p><i>The aim of the measure is to involve students in the project of the educational summer camp so that they acquire teaching and communication skills for transferring the knowledge of studies, research and study programmes of UCT Prague and are able to pass them on to primary and secondary school pupils who are interested in natural sciences.</i></p> <p><i>Another goal is to involve students and employees of UCT Prague in popularization-led laboratory chemistry teaching for talented secondary school students on the grounds and in the laboratories of UCT Prague and for talented primary school students at the Bílá Primary School and the Archbishop's Grammar School. In addition, the students will gain an idea of the fields of study of the Bachelor's degree programmes at UCT Prague.</i></p>		
Evaluation of measure objective fulfilment:	<p><i>The aim was to involve students in the project of the educational summer camp so that they could acquire teaching and communication skills for transferring the knowledge of studies, research and study programs of UCT Prague and be able to pass them on to primary and secondary school students who are interested in natural sciences. This objective has been met. Another goal was to involve students and employees of UCT Prague in popularization-led laboratory teaching of chemistry for talented secondary school students on the grounds and in the laboratories of UCT Prague and for talented primary school students at the Bílá Primary School and the Archbishop's Grammar School. This objective has also been achieved despite the ongoing Covid-19 pandemic.</i></p>		
Indicators:	<p>number of primary school pupils participating in the educational summer camp (2020:24 → 2021: 24)</p> <p>number of pupils from secondary schools participating in the educational summer camp (2020: 0 → 2021: 24)</p> <p>number of participants in popularization-led teaching (2020: 0 → 2021: 70)</p>		
Reality indicator:	12/2021:	number of primary school pupils participating in the educational summer camp	24
		number of pupils from secondary schools participating in the educational summer camp	24
		number of participants in popularization-led teaching	70
Evaluation of the method/activity leading to the achievement of the objective(s):	<p><i>The students involved in the project of the Educational Summer Camp attended training provided by a representative of the Communication Department of UCT Prague and experienced lecturers from the previous years, where they learned the rules of camp organization, occupational health and safety, communication with students and problem solving. They were involved in the preparation of the camp programme and in the staffing and management of the camp. Students and employees of UCT</i></p>		

	<i>Prague (lecturers) involved in popularization-led laboratory chemistry teaching for highly talented secondary schools pupils attended training where they learned the rules of organization of popularization-led teaching for talented students, occupational health and safety, communication with students of secondary schools and how to prevent problems. They chose the topic of laboratory tasks and processed it in the form of work instructions or a worksheet and prepared chemicals and tools. The lecturer then provided and led practical teaching.</i>		
Financial allocation (CZK):	700,000	of which NIV: 700,000	of which INV: 0
Spending of allocation (%):	99.1 %		
Reason for non-exhaustion of allocation:	The unspent contribution funds have been transferred to the FPP and will be used in the following period for the implementation of the SI2021+ measures.		