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Khmelnytskyi National University

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University



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**Procedure for recognition and crediting of learning outcomes of
higher education students at Khmelnytskyi National University,
obtained during participation in the short-term virtual academic
exchange program within the ERASMUS+ MOVEx project
“Development of the Model and Open database of Virtual
national and international academic Exchange programs to
facilitate the university students’ academic mobility and
international cooperation”**

MOVEx



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Procedure for recognition and crediting of learning outcomes of higher education students at Khmelnytskyi National University, obtained during participation in the short-term virtual academic exchange program within the ERASMUS+ MOVEx project “Development of the Model and Open database of Virtual national and international academic Exchange programs to facilitate the university students’ academic mobility and international cooperation” (hereinafter referred to as the Procedure) defines the goals, objectives, and procedure for organizing short-term virtual academic exchanges, implementing virtual academic exchange programs, and recognizing and crediting the results of short-term virtual academic exchanges for participants in the educational process at Khmelnytskyi National University (hereinafter referred to as the University).

The procedure was developed in accordance with the “Regulations on the procedure for exercising the right to academic mobility of participants in the educational process at Khmelnytskyi National University” (<https://khnmu.edu.ua/wp-content/uploads/normatyvni-dokumenty/polozhennya/pro-poryadok-realizaciyi-prava-na-akademichnu-mobilnist.pdf>), the “Regulations on the procedure for competitive selection of participants in the educational process for participation in academic mobility programs at Khmelnytskyi National University” (<https://khnmu.edu.ua/wp-content/uploads/normatyvni-dokumenty/polozhennya/polozhennia-pro-poriadok-konkursnoho-vidboru-uchasnykiv-osvitnoho-protsesu-dlia-uchasti-u-prohramakh-akademichnoi-mobilnosti.pdf>), the “Regulations on the procedure for exercising the right of higher education applicants to freely choose educational components at Khmelnytskyi National University” (<https://khnmu.edu.ua/wp-content/uploads/normatyvni-dokumenty/polozhennya/pro-poryadok-realizaciyi-prava-na-vilnyj-vybir-navchalnyh-dyscyplinu-chynne-z-01.09.2020.pdf>), the “Regulations on the recognition and crediting of learning outcomes of higher education students at Khmelnytskyi National University” (<https://khnmu.edu.ua/wp-content/uploads/normatyvni-dokumenty/polozhennya/pro-poryadok-vyznannya-ta-perezarahuvannya-rezultativ-navchannya.pdf>), Recommendations “Implementation of Virtual Exchange Programs into the educational process” (jointly developed by consortium members) (<https://iro.khnmu.edu.ua/rekomendaciyi-vprovadzhennya-program-virtualnyh-obminiv-v-osvitnij-procjes-spilno-rozrobleni-uchasnykamy-konsorciumu/>).

The basis for exercising the right to short-term virtual academic exchanges based on the microcredentials model within the ERASMUS+ MOVEx project is grant agreement No. 101083883 — MOVEx, concluded between all 10 participants of the project consortium: Wrocław University of Science and Technology (Poland), Harokopio University (Greece), Tallinn University of Technology (Estonia), Ivan Franko National University of Lviv (Ukraine), Kryvyi Rih National University (Ukraine), Kharkiv National University of Radio Electronics (Ukraine), Khmelnytskyi National University (Ukraine), Sokhumi State University (Georgia), Shota Rustaveli State University (Georgia), and Akaki Tsereteli State University (Georgia) in electronic form.

Virtual academic exchange is education without the physical relocation of higher education students from the University to another partner’s higher education institution or higher education students from a partner’s institution to the University. At the same time, training is carried out using the online platform “Virtual Exchange Programme Space” (<https://move-x.khnmu.edu.ua/>),



developed within the framework of the international project ERASMUS+ MOVEx, synchronously at the University and at least one partner higher education institution according to the model of microcredentials. Virtual exchanges are characterized by online learning organized by the University and a partner institution. Short-term exchanges involve up to three months of study at a partner's institution in specific educational components, the results of which are recognized by the University.

Microcredentials offer students a flexible and effective way to explore new areas and gain insight into new concepts without the long-term commitment associated with full-time study. Given that students can use microcredentials to study or upgrade their skills in subjects outside their original field of study, it is very important that the content of these courses can be adapted to different levels of prior knowledge. The introduction of microcredentials allows students to customize their educational trajectory and supports personalized learning, allowing students to progress at their own pace while gaining targeted skills and knowledge in a new field. Ultimately, this flexibility increases the accessibility and relevance of microcredentials, making them a valuable tool for lifelong learning and career development.

When implementing the University's students, the right to short-term virtual academic exchanges based on the microcredentials model, the following conditions must be met:

- the goals and objectives of academic exchanges correspond to the educational goals focused on the applicant's acquisition of professional experience in the field of future, existing, or related specialties, professional competencies, and skills;
- training under the short-term virtual academic exchange program is carried out under the guidance of the Consulting office to support virtual mobility programs at Khmelnytskyi National University (<https://iro.khmnua.edu.ua/en/czentr-vm/>);
- the results of academic exchanges are determined in ECTS credits and corresponding competencies/learning outcomes that will be recognized by the relevant partner institutions.

The Consulting office to support virtual mobility programs at Khmelnytskyi National University (hereinafter referred to as the Consulting office) established on the basis of the International relations department of Khmelnytskyi National University, is directly involved in organizing and facilitating short-term virtual academic exchanges for participants in the University's educational process. In particular, the current consultants and coordinators of the Consulting office to support virtual mobility programs are: Serhii LYSENKO – Adviser on the use and promotion of the online platform “Single Information Space” developed within the framework of the international project ERASMUS+ MoveX; coordinator of academic mobility at the Faculty of Information Technology; Ilona DUMANSKA – Adviser on the promotion and organization of COIL exchanges; Liudmyla REMISHEVSKA – Head of the International Relations Office, Coordinator University Academic Mobility; Anastasiia ZARZHYTSKA – Adviser on the use of the university modular environment for the organization of virtual academic mobility; Oksana DOMBROVSKA – Coordinator of Academic Mobility at the Faculty of Technology and Design; Anastasiia DANILKOVA – Coordinator of Academic Mobility at the Faculty of Economics and Management; Tetiana CHOPYK – Coordinator of Academic Mobility at the Faculty of Health, Psychology, Physical Culture and Sports; Serhii DRAZHNYTSYA – Coordinator of Academic Mobility at the Faculty of Management,



Administration and Tourism; Svitlana PIDHAICHUK – Coordinator of Academic Mobility at the Faculty of Engineering, Transport and Architecture; Olena MARTYNIUK – Coordinator of Academic Mobility at the Faculty of International Relations and Law; Liudmyla TERESHCHENKO – Coordinator of Academic Mobility at the Faculty of Humanities and Pedagogy.

The Consulting office provides services to both lecturers and students:

- advisory services on the use and promotion of the “ Virtual Exchange Programme Space” online platform created within the framework of the ERASMUS+ MOVEx project (<https://move-x.khmnpu.edu.ua/>) for organizing virtual academic exchanges between universities (both project partners and other universities in Ukraine and around the world) based on the microcredentials model;

- consulting services on the use of the university Moodle-based environment for organizing virtual academic mobility and virtual academic exchanges between universities;

- consulting services on the promotion and organization of COIL exchanges (Collaborative Online International Learning);

- services to support educational and outreach activities related to the development of microcredentials, the organization of COIL exchanges, etc.

Short-term virtual academic exchanges based on the microcredentials model within the ERASMUS+ MOVEx project can be implemented at Khmelnytskyi National University in two ways (at the choice of higher education students):

- choosing one of the 8 proposed Virtual exchange programs (VEP) (Sustainability of professional careers in intercultural environment; Sustainable business development and entrepreneurship; Enhancement of economical development through digitalization; Harnessing AI and data for sustainable development; The principles of environmental friendly economy; Building sustainable communities including digitalization; Resilient society; Eco friendly society), each of which consists of three microcredentials (each microcredential has 2 ECTS credits); this option is a priority according to the decision of the project consortium;

- free choice of any number of microcredentials (2 credits each) from a list of 23 offered microcredentials (Self-presentation. Self-branding. Modern Soft Skills; The importance of soft skills in education: career success; Digital tools in education; Green Business Models; Business Information Systems and Management; Entrepreneurship: From Ideas to Take-off; Reinforcement Learning in Autonomous Driving; Industrial automation: European integration and the challenges of Industry 4.0; Autonomous robotics; Data Mining Principles; Neurotechnologies in Automation; Getting known to AI Tools; Environmental Cost Accounting; RRR (Reduce, Reuse, Recycle); Interaction between ecotourism and sustainable development; Content Management Systems for Web-services; Cultural Dialogue and Social Realty; Green transitions for community well-being; Mastering English; Basics of Information Security and Cybersecurity; International Security; Introduction to the carbon footprint estimation methods; Towards the Sustainable Development Goals (SDGs)).

Recognition and transfer of ECTS credits – the process of recognizing and transferring credits awarded at another higher education institution for the purpose of obtaining a qualification. Recognition of learning outcomes – the process of recognizing (validating)



knowledge, skills, and other competencies acquired by a higher education student at another higher education institution during short-term virtual academic exchanges within the ERASMUS+ MOVEx project. Learning outcomes are knowledge, skills, abilities, ways of thinking, views, values, and other personal qualities acquired in the process of learning, education, and development that can be identified, planned, assessed, and measured, and which a person is able to demonstrate after completing a program or individual educational components.

The recognition of the learning outcomes of higher education students acquired during the implementation of the virtual academic exchange program is carried out on the basis of the provisions of the European Credit Transfer and Accumulation System on the basis of submitted certificates of completion of certain microcredentials with learning outcomes and assessment results of such courses, their volume in ECTS credits, certified in accordance with the procedure established by the project's consortium.

According to the decision of the ERASMUS+ MOVEx project consortium, the assessment results for each microcredential are formed as follows: if a higher education student has completed 50-59% of the tasks, they deserve a grade of "E" on the ECTS scale; if a higher education student has completed 60-69% of the tasks, they deserve a grade of "D" on the ECTS scale; if a higher education student has completed 70-79% of the tasks, they deserve a "C" grade on the ECTS scale; if a higher education student has completed 80-89% of the tasks, they deserve a "B" grade on the ECTS scale; if a higher education student has completed 90-100% of the tasks, they deserve an "A" grade on the ECTS scale.

The recognition of the learning outcomes under the short-term virtual academic exchange program based on the microcredentials model (conversion of grades) is carried out in accordance with the institutional scale for assessing the learning outcomes of higher education applicants, approved by the Academic Council of the University and the "Regulations on the recognition and crediting of learning outcomes of higher education students at Khmelnytskyi National University"

(<https://khmnu.edu.ua/wp-content/uploads/normatyvni-dokumenty/polozhennya/pro-poryadok-vyznannya-ta-perezarahuvannya-rezultativ-navchannya.pdf>).

When choosing one of the eight offered Virtual exchange programs, a student accumulates 6 credits (in case of successful completion of courses and obtaining certificates), which can be credited as an elective course "Innovations for Sustainable Development" (8 credits) in any semester. The grade for the elective course is determined as the arithmetic mean of the grades from three microcredentials planned for the selected Virtual exchange program.

When freely choosing any number of microcredentials (2 credits each) from the list of 23 offered courses, if the student chooses 2 courses, he or she accumulates 4 credits (in case of successful completion of courses and obtaining certificates), which can be credited to him or her as an elective course "Innovations for Sustainable Development" (4 credits) in any semester. The grade for the elective course is determined as the arithmetic mean of the grades from the two selected microcredentials.

When freely choosing any number of microcredentials (2 credits each) from the list of 23 offered courses, if the student chooses 3 or 4 microcredentials, he or she accumulates 6 or 8 credits (in case of successful completion of courses and obtaining certificates), which can be



credited to him or her as an elective course “Innovations for Sustainable Development” (8 credits) in any semester. The grade for the elective course is determined as the arithmetic mean of the grades from three or four selected microcredentials.

When freely choosing any number of microcredentials (2 credits each) from the list of 23 offered courses, if the student chooses 1 course, he or she accumulates 2 credits (in case of successful completion of the course and obtaining a certificate), which can be credited to him or her as part of the corresponding course of the educational component (as learning outcomes acquired in non-formal education – in accordance with Section 4 of the “Regulations on the recognition and crediting of learning outcomes of higher education students at Khmelnytskyi National University” (<https://khnmu.edu.ua/wp-content/uploads/normatyvni-dokumenty/polozhennya/pro-poryadok-vyznannya-ta-perezarahuvannya-rezultativ-navchannya.pdf>)).

If a higher education student fails to provide the University with documentary evidence of the results of virtual academic exchanges in the form of certificates within the established time frame without a valid reason, the issue of refusing to credit the higher education student with the learning outcomes under the short-term virtual academic exchange program will be considered.

