

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
FERENC RAKOCZI II TRANS-CARPATHIAN HUNGARIAN UNIVERSITY**

APPROVED BY THE ACADEMIC COUNCIL

of Ferenc Rákóczi II Transcarpathian
Hungarian University,
27 May 2026, Minutes No. 5

Entered into force by Rector's Order
No. 62 of 28 May 2026

Chairman of the Academic Council _____ Stepan CHERNYCHKO

"GEOGRAPHY"

EDUCATIONAL AND PROFESSIONAL PROGRAM

LEVEL OF HIGHER EDUCATION	<u>Second (Master's)</u>
DEGREE LEVEL	<u>Master (MSc)</u>
FIELD OF STUDY	<u>A Education</u>
SPECIALIZATION	<u>A4 Secondary education</u>
SUBJECT SPECIALIZATION	<u>A4.07 Secondary education (Geography)</u>
QUALIFICATION	<u>Master of Education in</u> <u>"Secondary Education (Geography)"</u>

Berehove – 2026

APPROVAL SHEET
of the Educational and Professional Program
"GEOGRAPHY"

1. Program Guarantor:

Yosyp MOLNAR, PhD, Associate Professor, Head of the Department of Geography and Tourism

2. Program developers:

Halyna SHCHUKA, DSc, Professor, Professor of the Department of Geography and Tourism

Diulo FODOR, PhD, Associated Professor, Professor of the Department of Geography and Tourism

Sándor GÖNCZY, PhD, Associated Professor, Associated Professor of the Department of Geography and Tourism _____

Tibor IZHAK, PhD, Associated Professor, Deputy Head of the Department of Geography and Tourism

Silvester IZHAK – student of the second (master's) level of higher education in Geography _____

_____ 2026

3. Head of the Department of Geography and Tourism _____ Yosyp MOLNAR

_____ 2026

4. Head of the Student's Department _____ Zhuzhanna FIZESHI

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5. Head of the Department of Quality Assurance of Higher Education

_____ Adalbert RATS, _____ 2026

6. Vice-Rector for Educational and Methodological Work

_____ Oleksandr BERGHAUER

_____ 2026

7. **Vice-Rector for Research and Education Quality Issues** _____ Imre SAKAL
_____ 2026

8. **Rector** _____ Stepan CHERNYCHKO
_____ 2026

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1. PREAMBLE

The educational and professional program (EPP) of the second (master's) level of higher education in the subject specialty A4.07 Secondary education (Geography) of the field of knowledge A Education is developed on the basis of the National Qualifications Framework and the draft Standard of Higher Education of the master's level of the corresponding specialty. When developing the program, the relevant provisions of the professional standard "Teacher of a general secondary education institution" (Approved by Order of the Ministry of Education and Science of Ukraine No. 1225 dated August 29, 2024) were taken as the basis. The educational program has been brought into line with the Order of the Ministry of Education and Science of Ukraine No. 1734 dated 12/31/2025 by assigning the ISCED-F code 0114.

The updated content of the educational program was approved at the meeting of the Department of Geography and Tourism, minutes No. 2 dated May 13, 2026.

The EPP "Geography" was reviewed and approved by the Academic Council of the Ferenc Rákóczi II Transcarpathian Hungarian University, minutes No. 5 dated May 27, 2026.

The educational and professional program was developed by a project group at the Department of Geography and Tourism of the Ferenc Rákóczi II Transcarpathian Hungarian University, consisting of:

1. Yosyp MOLNAR – project group leader, PhD, CSc (Geographical Sciences, specialty – 11.00.01), Head of the Department of Geography and Tourism, guarantor of the educational program;
2. Diulo FODOR – PhD, CSc (Geographical Sciences, specialty – 11.00.02), Professor of the Department of Geography and Tourism;
3. Halyna SHCHUKA – DSc (Pedagogical Sciences, specialty – 13.00.01), Professor of the Department of Geography and Tourism;
4. Tibor IZHAK – PhD, CSc (Geographical Sciences, specialty – 11.00.11), Deputy Head of the Department of Geography and Tourism;
5. Sándor GÖNCZY – PhD (specialty – 04.00.01), Associate Professor of the Department of Geography and Tourism;
6. Silvester IZHAK – student of the second (master's) level of higher education in Geography.

External stakeholder reviews:

1. Yosyp KANTOR – Head of the Department of Education, Culture, Youth and Sports of the Velyka Dobron Hromada of the Uzhhorod district of the Transcarpathian region;
2. Tetiana LUZHANSKA – Candidate of Geographical Sciences, Associate Professor, Associate Professor of the Department of Geography and Social Disciplines, Mukachevo State University;
3. Valentyna SHCHABELSKA – Candidate of Geographical Sciences, Associate Professor, Head of the Department of Geography, Mykhailo Drahomanov Ukrainian State University.

Project group leader
(Guarantor of the educational program)

Yosyp MOLNAR

2. GENERAL INFORMATION

The educational program was updated on the basis of the Professional Standard "Teacher of a General Secondary Education Institution" (Approved by Order of the Ministry of Education and Science of Ukraine No. 1225 dated August 29, 2024), in accordance with the Resolution of the Cabinet of Ministers of Ukraine dated August 30, 2024 No. 1021 "On Amendments to the List of Fields of Knowledge and Specialties in Which Applicants for Higher and Professional Pre-Higher Education are Trained", in accordance with the requirements of the Law of Ukraine "On Higher Education" and the Law of Ukraine "On Education".

The EPP "Geography" was developed by the project group of the Department of Geography and Tourism of the Ferenc Rákóczi II Transcarpathian Hungarian University. The development of the program involved scientific and pedagogical staff of the Department of Geography and Tourism and other departments that provide the educational process of the specialty, as well as internal and external stakeholders. The program is constantly improved by the project group in accordance with changes in regulatory documents, requirements of society and the labor market, and proposals from internal and external stakeholders.

The educational and professional program *considers* the requirements of the Law of Ukraine "On Higher Education", the National Qualifications Framework, the Professional Standard of a Teacher of a General Secondary Education Institution, the draft Standard of Higher Education at the Master's Level in the Specialty 014 Secondary Education (by Subject Specialties) and *establishes*:

- the scope and duration of master's studies;
- general competencies;
- professional competencies by specialty;
- program learning outcomes;
- the list and scope of academic disciplines (educational components) for acquiring competencies of the educational and professional program.

The educational and professional program is used for:

- development of curricula, working curricula;
- compilation of syllabi of academic disciplines and practices, content of individual tasks;
- formation of individual curricula of students;
- development of diagnostic tools for the quality of higher education;
- accreditation of educational and professional program;
- external quality control of specialist training;
- certification of masters in the subject specialty A4.07 Secondary Education (Geography);
- professional orientation of applicants for the specialty.

Users of the educational and professional program:

- higher education applicants studying at the Ferenc Rákóczi II Transcarpathian Hungarian University;
- teachers of the Ferenc Rákóczi II Transcarpathian Hungarian University who train

- masters in the subject specialty A4.07 Secondary Education (Geography);
- attestation commission;
 - admissions committee of the Ferenc Rákóczi II Transcarpathian Hungarian University.

3. PROFILE OF THE EDUCATIONAL AND PROFESSIONAL MASTER'S PROGRAM IN SUBJECT SPECIALTY A4.07 SECONDARY EDUCATION (GEOGRAPHY)

1. General Information	
Full name of higher education institution	Ferenc Rákóczi II Transcarpathian Hungarian University
Higher education degree and name of subject specialty in the original language	Magister A4.07 Середня освіта (Географія)
Official name of the educational program in the original language	Освітньо-професійна програма «Географія»
Name of the educational program in English	Geography
Name of the educational program in Hungarian	Földrajz
Field of study	A Education
Specialization	A4 Secondary education
Subject specialization	A4.07 Secondary education (Geography)
ISCED-F code*	0114
Forms of education	Institutional (full-time, part-time)
Type of diploma and scope of educational program	Master of Education Diploma, single, 120 ECTS credits; study period 1 year 10 months
Educational qualification	Master of Education in the specialty "Secondary Education (Geography)"
Cycle/Level	NQF of Ukraine – level 7; QF-EHEA – second cycle, EQF-LLL – level 7
Entry requirements	Bachelor's, Specialist's, Master's degree. In case of admission based on previous education obtained in another specialty, the University forms an individual educational trajectory of the student, in particular, establishes requirements for the elimination of academic differences.
Language(s) of instruction	Ukrainian, Hungarian, English
Validity period of the	Certificate of the National Agency for Higher

* Classification and positioning of the educational program:

In order to ensure international comparability, transparency and correct identification of the content of education, the educational program is correlated with the detailed branch of the International Standard Classification of Education ISCED-F 2013 in accordance with the Methodological Recommendations approved by the Order of the Ministry of Education and Science of Ukraine dated 31.12.2025 No. 1734. The Master's Degree in Geography forms the ability to teach geography at the highest level of complexity: modern methods, educational technologies, assessment, practice and in-depth subject-methodical training. According to the target result (teacher education) and subject specialization, the program belongs to 0114.

educational program	Education and Vocational Education on accreditation of the educational and professional program ID 53179 Geography specialty A4 Secondary education (Geography) No. 18812. Validity period 01.07.2029.
Internet address of permanent placement of the educational program description	kme.org.ua/uk/osvitni-programi/
2. The Aims of the Educational and Professional Program	
Training of highly qualified specialists capable of independent pedagogical activity, performing professional tasks of a research and innovative nature in the field of geographical education in institutions of complete general secondary education of various levels. Preparing students for continuing their studies at the third educational and scientific level (under the PhD program).	
3. Characteristics of the Educational Program	
Description of the subject area	Object of study: organization and provision of the educational process in educational institutions; pedagogical theories, concepts; methodology of teaching geography, the geographical sphere of the Earth, its spatial natural and socio-economic diversity. The aim of the study: training professionals capable of solving complex tasks and problems in the field of geographical education, which involves conducting research and/or implementing innovations and is characterized by uncertainty of conditions and requirements. The educational and professional program takes into account the specific goals of the University, namely: development of competitiveness and innovation of the region, the ability to speak and use two languages (Ukrainian, Hungarian) in professional activities. Theoretical content of the subject area: modern theoretical foundations of fundamental and applied branches of the scientific field, sufficient for the formation of specialized skills/problem-solving skills necessary for conducting research and/or implementing innovative activities. Methods, techniques and technologies: educational technologies and methods of forming a system of geographical competencies in educational institutions, information and communication technologies, general scientific methods of cognition and research activities.

	Tools and equipment: modern information and communication equipment and software for the educational process; specialized laboratory and technological equipment for scientific research; facilities for conducting practices.
Orientation of the educational program	The educational and professional program is focused on the academic and practical training of the applicant and is based on theoretical knowledge in pedagogical and psychological disciplines, practical skills in geography teaching methods, the ability to conduct independent research in the field of geographical science, as well as the competencies necessary for communication and cooperation.
Key Emphasis of the Educational Program	Development of professional competencies for the implementation of the activities of a high school geography teacher. Keywords: master, psychological and pedagogical competency, competency-based teaching of geography, methodology of scientific research in geography, pedagogical skills.
Specific Features of the Educational Program	The uniqueness of the EPP, which is called for the purpose of creating the University, is the preparation of pedagogical personnel for work in multi-ethnic conditions, in schools with the Hungarian language of instruction (there are about 100 schools with the Hungarian language of instruction in the region). A feature of the program is the teaching of OK in Ukrainian, Hungarian and English. The program provides for internships in organizing students' research activities, which provides a deeper understanding of the subject, development of scientific and research competency, and mastery of modern methods of organizing students' research activities.
Academic rights of graduates	The graduates have the right - to continue their studies at the third (educational and scientific) level of higher education; - to access educational programs, research grants and scholarships (including abroad) that contain additional educational components; - to acquire additional qualifications in the adult education system.
4. Employability and Further Learning Opportunities of Graduates	

Employability	Work by profession (geography teacher) in general education institutions (schools, lyceums, gymnasiums, etc.) of various forms of ownership, various levels of secondary education. Specialists have the right to hold the following positions according to the current edition of the National Classifier of Ukraine (CLASSIFIER OF PROFESSIONS DK 003:2010 with amendments No. 1–14, the last approved by the order of the Ministry of Economy of Ukraine dated December 13, 2024 No. 27751): 2320 Teacher at a secondary education institution 2359.2 Organizer of extracurricular and after-school educational work with children
Nature of work	1. Geography teacher of senior grades of the educational institution and vocational school. 2. Methodological work in general secondary education institutions of all types. 3. Organizer of local studies work.
Further Learning Opportunities	Has the right to continue studies at the third (educational and scientific) level of higher education, to obtain additional qualifications in the adult education system, and academic mobility.
5. Teaching and Assessment	
Teaching and learning	Teaching is based on the principles of competency-based, student-centered, practice-oriented, problem-based learning with elements of self-study. The training includes lectures, seminars and practical classes, independent work with the possibility of consultations with a teacher and the use of online learning technologies, research and pedagogical practice, preparation of qualification work; problem-based, interactive, project-based, information and computer-based, self-development, distance, collective and integrative learning technologies are used.
Assessment	Control and assessment of the quality of students' professional competency formation is based on systematic monitoring of their academic achievements, which allows reflecting the degree of achievement of their planned learning outcomes. Assessment is carried out according to the national 4-point (excellent, good, satisfactory, unsatisfactory), 100-point scale and ECTS

	scale (A, B, C, D, E, F, FX). Criteria and assessment methods are published in the syllabi of academic disciplines. Control and assessment includes: – a cumulative system aimed at mastering the educational program, which provides for the assessment of higher education applicants for all types of classroom and extracurricular educational activities, in accordance with the types of control of the training curriculum; – current testing; – checking practical assignments, presentations, essays and practice reports; – exams and tests in academic disciplines in oral and written forms; – final certification in the form of a defense of a qualification thesis.
6. Program Competencies	
Integral competency	The ability to solve complex tasks or problems in education, which involves innovation and/or pedagogical research and is characterized by uncertainty of conditions.
General competencies	3K1. The ability to apply knowledge in practical situations. 3K2. The ability to use digital educational resources, information and communication technologies in professional activities. 3K3. The ability to plan and manage educational activities, ensure and evaluate the quality of work performed. 3K4. The ability to identify and solve problems in the field of professional activity, to be critical and self-critical. 3K5. The ability to generate new ideas (creativity) and make reasoned decisions. 3K6. The ability to develop and present educational projects, manage them, and motivate performers to achieve a common goal. 3K7. The ability to conduct scientific and pedagogical research, predict and present their results. 3K8. The ability to apply the principles and methods of scientific knowledge in scientific and pedagogical activities. 3K9. The ability to appreciate Ukrainian national

	culture, multiculturalism in society, and to form a national cultural identity. 3K10. The ability to understand the values of civil society and form an active life and civic position. 3K11. The ability to communicate fluently in the state and foreign languages, as well as the language of the national minority of Ukraine (Hungarian), and to use them in professional activities.
Professional competencies	ΦK1. Ability to deepen knowledge and understanding of the subject area and professional activity. ΦK2. Ability to use innovations in professional activities. ΦK3. Ability to monitor own teaching activities and identify needs, prospects, and available resources for lifelong professional development. ΦK4. The ability to model learning content, develop key competencies in students, and implement integrated learning. ΦK5. The ability to use effective ways to motivate students for self-development, guide them towards progress, and form a well-founded positive self-esteem in them. ΦK6. Ability to interact constructively and safely with participants of the educational process. ΦK7. Ability to ensure the functioning of a safe and inclusive educational environment. ΦK8. The ability to form a culture of academic integrity in students and adhere to its principles in their own professional activities. ΠK1. The ability to realize the interdependence of humans and the natural environment in the global world, to integrate conceptual natural-geographical, social-geographical, cartographic, psychological-pedagogical knowledge and skills, to understand and explain the strategy of sustainable development of humanity. ΠK2. The ability to solve problems in professional activities using the methodology of specialized geography teaching and extracurricular work, aimed at forming key and subject-specific geographical competencies and a professional worldview in students. ΠK3. The ability to independently carry out and organize research activities of education seekers using

	modern methods and technologies, applied geographical research of natural and social phenomena and processes, adapted to specific conditions of educational activities, to summarize the results obtained, to present them. IIK4. The ability to deepen knowledge and improve the subject area of natural, anthropogenic, social geography, cartography and geoinformation technologies, geography teaching methods, which include the latest scientific achievements in the field of professional pedagogical activity, is the basis for original thinking, conducting research and critical reflection on professional problems. IIK5. The ability to navigate in the global and national geographical educational and scientific space in order to expand and update geographical and psychological and pedagogical knowledge, to explain them in written, oral and visual ways at different spatial levels (global, regional, national, local), to work in the global information environment in the specialty. IIK6. The ability to acquire specialized skills and abilities to solve problems of modern geographical science, pedagogy, psychology, and geography teaching methods, which are necessary for conducting scientific research and implementing innovative scientific and pedagogical activities. IIK7. Ability to organize and conduct extracurricular work for students studying geography, local studies, tourism, or other professional fields.
7. Intended Learning Outcomes	
Intended learning outcomes	PH1. Demonstrates the ability to apply knowledge of psychology, pedagogy, fundamental and applied sciences (according to the subject specialty) in practical situations of educational activities, deepens knowledge of the subject area. PH2. Demonstrates the ability to use digital educational resources, information and communication technologies to search, process and exchange information in professional activities, present own and joint results, implement distance and blended learning, etc. PH3. Names and describes the basic principles, functions, modern forms and methods of managing educational activities, demonstrates the ability to plan

and manage educational activities, ensure and evaluate its quality.

PH4. Formulates existing problems in the field of educational activities, demonstrates skills in their critical analysis, generates new ideas, argues for possible ways to solve them, and critically evaluates their capabilities.

PH5. Describes the methodology for developing educational projects, explains the content and purpose of their stages, analyzes the ability to manage the process of their implementation, and predicts expected results.

PH6. Defines and characterizes the basic principles, laws, and methods of scientific and pedagogical research; describes the apparatus of scientific and pedagogical research, and demonstrates skills in presenting the results of scientific and pedagogical research.

PH7. Identifies, analyzes and characterizes pedagogical innovations, demonstrates the ability to apply them practically in professional activities.

PH8. Describes indicators of the quality of pedagogical activity, analyzes the possible effects of internal and external factors on them, determines individual professional needs, ways to improve own pedagogical skills, and selects resources for lifelong professional development.

PH9. Demonstrates the ability to classify, organize and summarize educational material in accordance with the conditions of the educational process, the needs of the formation of key competencies and integrated learning.

PH10. Names and analyzes ways to motivate students for self-development, demonstrates the ability to develop a plan for practical implementation to form adequate positive self-esteem and self-identity.

PH11. Demonstrates the ability to ensure constructive and safe interaction with participants in the educational process.

PH12. Knows and adheres to the conditions for a safe and inclusive educational environment.

PH13. Demonstrates the ability to act autonomously and in a team.

PH14. Demonstrates adherence to a culture of

academic integrity in own activities and demonstrates the ability to shape it in students.

PH15. Applies the principles and methods of scientific knowledge to identify problems in the field of scientific and pedagogical activity, suggests ways to solve them.

PH16. Demonstrates the ability to respect the cultural values and traditions of the Ukrainian people and multiculturalism in society, forms respect for them in students, and an active life and civic position.

PH17. Communicates competently in the state and foreign languages, as well as in the language of the national minority of Ukraine (Hungarian), and uses them in professional activities.

IIPH1. Recognizes the interdependence of people and the natural environment in the global world and at the local level, understands the strategy of sustainable development of humanity.

IIPH2. Understands the conceptual foundations and main theoretical and methodological problems of natural, anthropogenic, social geography, cartography and geoinformation technologies, methods of teaching geography and profile geography at the level of the latest scientific achievements.

IIPH3. Chooses ways to solve practical problems in professional activities from the methodology of specialized geography teaching and extracurricular work, creatively applies methods for forming key and subject-specific geographical competencies of applicants in educational institutions of various types.

IIPH4. Knows and applies the conceptual apparatus of geography, theoretical and empirical achievements of psychology, pedagogy and geography teaching methods, which allows to connect and compare different views on problematic issues of modern geography and the educational process in geography, and organize research work.

IIPH5. Justifies the choice of modern methods and technologies of applied geographical research, specialized geography teaching, extracurricular work with students, possesses the methodology of geographical research necessary for organizing practical classes in geography and extracurricular work, demonstrates the ability to organize research work of

	students. IIPH6. Chooses forms and methods of organizing the educational process with an orientation to the global and national level, has the skills to work in the global information environment in the specialty, select special literature and cartographic works. IIPH7. Demonstrates possession of specialized skills and abilities in solving problems of modern geographical science, pedagogy, psychology, and geography teaching methods, which are necessary for conducting scientific research and implementing innovative scientific and pedagogical activities. IIPH8. Selects, analyzes, presents and disseminates geographic information using a variety of written, oral and visual means, cartographic methods, and information and communication technologies.
8. Provision of Resources for the Implementation of the Program	
Academic staff provision	The educational process is provided by scientific and pedagogical staff of the university departments, including doctors, candidates of sciences, PhDs, professors, associate professors, who have the appropriate basic education, the necessary number of publications in professional, scientometric publications, and actively participate in scientific and practical conferences of various levels (international, all-Ukrainian, regional). The educational and/or professional qualifications of teachers who train masters of the educational and professional program "Geography" correspond to the educational components taught in accordance with clause 37 of the "Licensing Conditions for the Conduct of Educational Activities of Educational Institutions", approved by Resolution of the Cabinet of Ministers of Ukraine No. 1187 of December 30, 2015 (as amended by Resolution of the Cabinet of Ministers of Ukraine No. 365 of March 24, 2021). The level of scientific and professional activity of the scientific and pedagogical staff is evidenced by the implementation of at least four achievements in professional activity over the last five years (clause 38 of the Licensing Conditions for Educational Activities, in accordance with the Resolution of the Cabinet of Ministers of Ukraine No. 1187 of December 30, 2015,

	with amendments approved by the Resolution of the Cabinet of Ministers of Ukraine No. 365 of March 24, 2021). All scientific and pedagogical employees regularly undergo advanced training in accordance with the specified conditions (so that the number of credits received over the last 5 years is at least 6).
Material and technical resources	The material and technical support for the professional training of masters of the educational and professional program "Geography" meets the licensing conditions. The educational process is carried out in specialized classrooms with multimedia equipment, using tools and equipment necessary for teaching geography in high school, and in specialized laboratories with modern equipment. The premises used in the educational process meet sanitary standards, fire safety requirements. Social and household infrastructure and the number of places in dormitories meet the requirements.
Informational and educational-methodological support	Informational and educational and methodological support for the professional training of masters of the educational and professional program "Geography" meets licensing requirements. The educational components of the program are provided with educational and methodological complexes, which include work programs, syllabi, lecture notes, methodological instructions and recommendations for performing practical and seminar tasks, recommendations for performing independent work, resource catalogs, etc. (including electronic versions); information technology laboratories; professional offices/laboratories; packages of specialized licensed programs. Students have free access to the materials of the university's official website (www.kme.org.ua), to wireless Internet access points, use the library's collections (opac3.brff.monguz.hu/en/search), and have access to electronic manuals, periodicals, and reference literature.
9. Academic Mobility	
National credit mobility	Students can participate in national credit mobility

	programs. The procedure for organizing academic mobility programs and the procedure for recognizing the learning outcomes of program participants is established by the "Regulations on the Procedure for Exercising the Right to Academic Mobility" of the Ferenc Rákóczi II Transcarpathian Hungarian University (kme.org.ua/mik/minosegiranyitasi_kezikonyv.pdf, p. 474).
International credit mobility	Students can participate in international credit mobility programs (Erasmus+, etc.) in accordance with agreements concluded between the University of Rákóczi and higher education institutions regarding academic mobility programs for students. The procedure for organizing academic mobility programs and the procedure for recognizing the learning outcomes of program participants is established by the "Regulations on the Procedure for Exercising the Right to Academic Mobility" of the Ferenc Rákóczi II Transcarpathian Hungarian University (kme.org.ua/mik/minosegiranyitasi_kezikonyv.pdf, p. 474).
Education of foreign students	Not provided.
10. Forms of Certification of the Students	
Forms of certification of higher education applicants	The final certification is carried out by assessing the degree of formation of competencies. The form of certification is a public defense of the qualification work with the award of the educational qualification <i>Master of Education in the specialty "Secondary Education (Geography)"</i>.
Requirements for qualifying work	Qualification work should be aimed at solving a complex specialized task or practical problem in the field of geographical education and/or science, which includes conducting research and/or implementing innovations and is characterized by uncertainty of conditions and requirements. Requirements for the content, scope, and structure of qualification work are determined by the higher education institution. The qualification work cannot contain academic plagiarism, fabrication, falsification, or other types of

	academic dishonesty. The use of artificial intelligence is permitted with reference. After defense, the qualification work is made public by posting it in the repository of the higher education institution.
Requirements for public defense (demonstrations)	During the public defense process, a master's degree candidate must demonstrate the ability to clearly and confidently present the content of the research performed, answer questions with reasoned answers, and conduct a scientific discussion. The student's report must be accompanied by presentation materials intended for general viewing. The decision of the examination committee to award a master's degree, assign an educational qualification, and issue a master's diploma based on the results of the final certification of applicants is announced on the same day after the minutes of the examination committee meetings are drawn up in accordance with the established procedure.

4. ELEMENTS OF THE PROGRAM AND THEIR LOGICAL SEQUENCE

Requirements for applicants' previous level of education

A person has the right to obtain a master's degree based on a bachelor's degree, a specialist's educational and qualification level, obtained in the specialty 014 "Secondary Education (Geography)", as well as other specialties through cross-entry.

Professional standards requirements

In the course of developing the educational and professional program for the subject specialty A4 Secondary Education (Geography), the draft Standard of Higher Education at the master's level for the specialty 014 Secondary Education (by subject specialties) was taken as a basis. The list of graduate competencies is consistent with the general and professional competencies of a teacher given in the professional standard for the professions "Primary school teacher of a general secondary education institution", "Teacher of a general secondary education institution", "Primary education teacher (with a junior specialist diploma)".

Program scope by recommended and optional parts

The volume of the educational and professional program is 120 ECTS credits. The cycles of general, professional and practical training – mandatory parts of the program – 88 ECTS credits (73%). The volume of the elective part – 32 ECTS credits (27%).

Higher education applicants have the opportunity to choose disciplines from the general university list of educational components. The indicative list of elective disciplines may be supplemented by the decision of the department based on discussions with the academic community, employers and students.

Distribution of the program volume by types of educational activities

EK code	Components of the educational program	Volume, credits
1. COMPULSORY COURSES		88
1.1. Block of theoretical training courses		59
OK 1	Theory and methodology of pedagogical activity in high (specialized) school	3
OK 2	Psychology of educational activities	3
OK 3	Social and inclusive pedagogy	3
OK 4	Ukrainian language for professional purposes	3

EK code	Components of the educational program	Volume, credits
OK 5	Theory and methodology of teaching Geography in high school	8
OK 6	Modern methods and technologies for organizing students' research activities in geography	3
OK 7	Methodology for solving geography exercises	3
OK 8	Theory and methods for organizing local studies and tourism work	3
OK 9	Methodology and organization of scientific research in geography	4
OK 10	Digital technologies in geographical education (in English)	4
OK 11	Modern concepts of geographical science (in English)	3
OK 12	Physical grounds of geographical processes	4
OK 13	Historical geography	4
OK 14	Political geography	4
OK 15	Global problems of humanity and sustainable development	4
OK 16	Geography of the native land	3
1.2. Block of practical training courses		29
OK 17	Pedagogical practice in high school	14
OK 18	Practice in organizing research and local studies activities of students in geography	3
OK 19	Preparation and defense of qualification work	12
Total volume of mandatory courses:		88
Total volume of elective courses:		32
TOTAL SCOPE OF THE EDUCATIONAL PROGRAM		120

5. REQUIREMENTS FOR THE EXISTENCE OF AN INTERNAL QUALITY ASSURANCE SYSTEM IN HIGHER EDUCATION

They are determined in accordance with the European Standards and Recommendations for Quality Assurance in Higher Education (ESG) and Article 16 of the Law of Ukraine “On Higher Education”. Internal quality assurance of higher education is carried out in accordance with the Regulations on the system of internal quality assurance of education at the Ferenc Rákóczi II Transcarpathian Hungarian University, which is published on the institute’s website at: kmf.uz.ua/mik/minosegiranyitasi_kezikonyv.pdf, p. 248.

The system for ensuring the quality of educational activities in HEIs and the quality of higher education (internal quality assurance system) provides for the implementation of the following procedures and measures:

- 1) defining principles and procedures for ensuring the quality of higher education;
- 2) monitoring and periodic review of educational programs;
- 3) annual assessment of higher education applicants, scientific and pedagogical and pedagogical employees of higher education institutions;
- 4) ensuring advanced training of pedagogical, scientific and scientific-pedagogical employees in the form of internships or advanced training courses of 6 credits in 5 years or by defending a dissertation;
- 5) ensuring the availability of necessary resources for the organization of the educational process, including independent work of students, for each educational program;
- 6) creation of information systems for effective management of the educational process;
- 7) ensuring the publicity of information about educational programs, levels of higher education and qualifications;
- 8) ensuring an effective system for preventing and detecting academic plagiarism in scientific works of higher education employees and higher education students;
- 9) other procedures and events.

The educational and professional program is published on the university website before the start of admission to the higher education institution in accordance with the Admission Rules.

Responsibility for implementing the educational program and ensuring the quality of higher education lies with the head of the graduating department and the guarantor of the EPP in the specialty.

The system for ensuring the quality of educational activities of University and the quality of higher education (internal quality assurance system) is assessed by the National Agency for Quality Assurance in Higher Education upon submission by the HEI.

6. STRUCTURAL-LOGICAL DIAGRAM

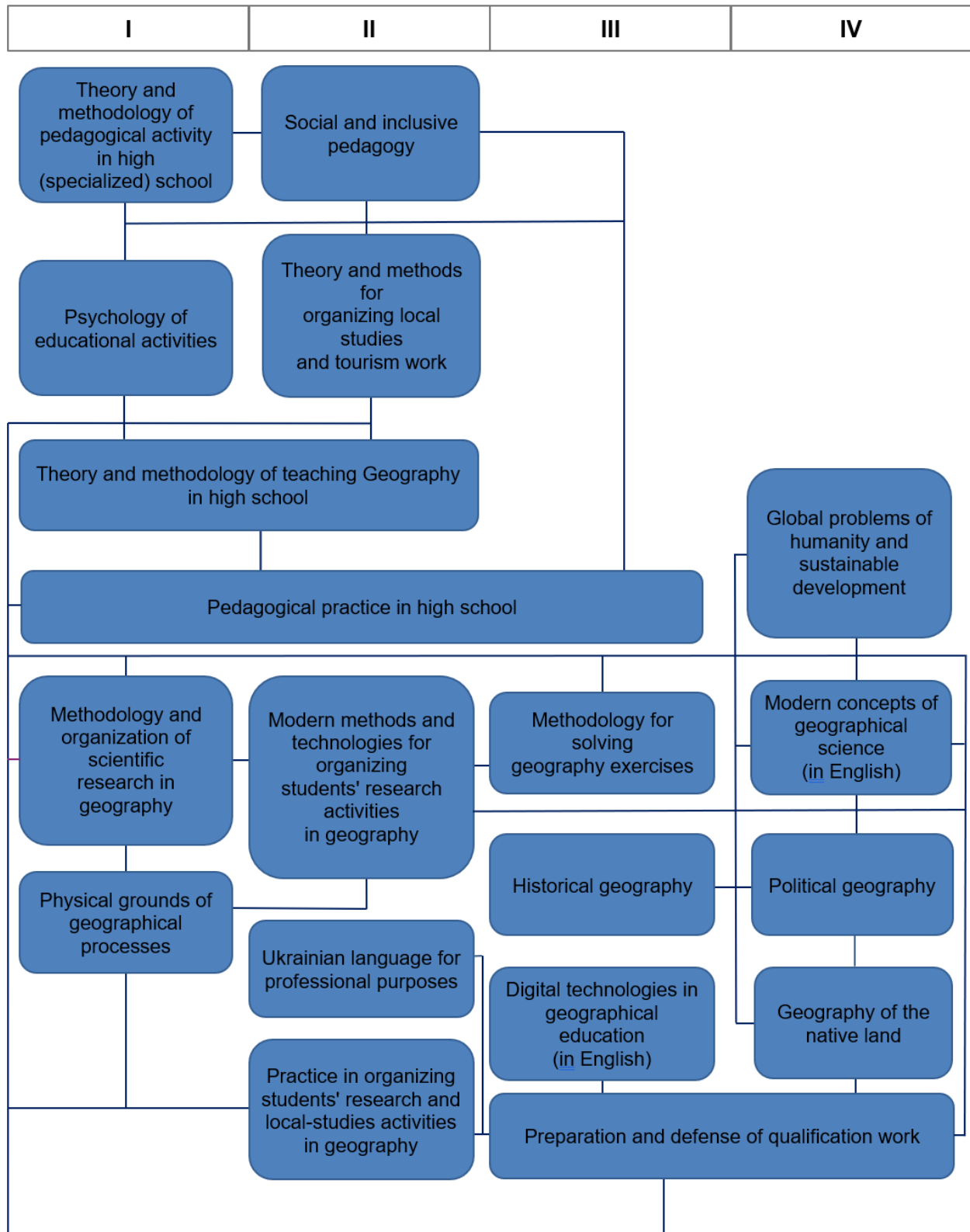
Sequence of the student's educational activities:

Semester	Types of learning activities
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I 30 credits	Professional training courses – 19 credits Elective courses – 8 credits Pedagogical practice in high school – 3 credits.
II 30 credits	Professional training courses – 15 credits Elective courses – 8 credits Pedagogical practice in high school – 4 credits Practice in organizing research activities of students in geography – 3 credits.
III 30 credits	Professional training courses – 12 credits Elective courses – 8 credits Pedagogical practice in high school – 7 credits Preparation of qualification paper – 3 credits
IV 30 credits	General training courses – 4 credits Professional training courses – 9 credits Elective courses – 8 credits Preparation and defense of the qualification paper – 9 credits.

Structural-logical diagram

Semesters



7. LIST OF REGULATORY DOCUMENTS ON WHICH THE EDUCATIONAL AND PROFESSIONAL PROGRAM IS BASED

1. Про вищу освіту: Закон України від 05 вересня 2017 р. №2145-VIII (останні зміни № 2157-IX від 24.03.2022). URL: <http://zakon5.rada.gov.ua/laws/show/1556-18>
2. Національна рамка кваліфікацій: Додаток до постанови Кабінету Міністрів України від 25 червня 2020 р. № 519. URL: <http://zakon3.rada.gov.ua/laws/show/1341-2011-п>
3. Національний класифікатор України: «Класифікатор професій» ДК 003:2010. URL: <https://zakon.rada.gov.ua/rada/show/va327609-10#n5>
4. Зміни до Національного класифікатору "Класифікатор професій" ДК 003:2010: Наказ Мінекономіки від 13 грудня 2024 року № 27751. URL: <https://zakon.rada.gov.ua/rada/show/v7751930-24#n11>
5. Перелік галузей знань і спеціальностей, за якими здійснюється підготовка здобувачів вищої освіти: Постанова Кабінету Міністрів України від 29 квітня 2015 р. № 266 (в редакції постанови Кабінету Міністрів України від 30 серпня 2024 р. № 1021). URL: <https://zakon.rada.gov.ua/laws/show/266-2015-%D0%BF#Text>
6. International Standard Classification of Education. Fields of education and training 2013 (ISCED-F 2013) – Detailed field descriptions. UNESCO, 2013.
7. Наказ МОН України від 31.12.2025 р. №1734 Про затвердження Методичних рекомендацій щодо відповідності освітніх програм спеціальностям, за якими здійснюється підготовка здобувачів вищої освіти, та деталізованим галузям Міжнародної стандартної класифікації освіти ISCED-F 2013 та описів предметних областей спеціальностей, за якими здійснюється підготовка здобувачів вищої освіти.
8. Про затвердження та введення в дію Методичних рекомендацій щодо розроблення стандартів вищої освіти: Наказ МОН України у редакції від 30 квітня 2020 р. № 584. URL: https://mon.gov.ua/storage/app/media/vyshcha/naukovo-metodychna_rada/2020-metod-rekomendacziyi.docx
9. Професійний стандарт «Вчитель закладу загальної середньої освіти» (Затверджено Наказом Міністерства освіти і науки України № 1225 від 29.08.2024 р.). URL: https://register.nqa.gov.ua/uploads/0/646-ilovepdf_merged.pdf
10. Стандарти і рекомендації щодо забезпечення якості в Європейському просторі вищої освіти (ESG). URL: http://ihed.org.ua/images/pdf/standards-and-guidelines_for_qa_in_the_ehea_2015.pdf
11. Проект Стандарту вищої освіти зі спеціальності 014 «Середня освіта» на другому (магістерському) рівні вищої освіти. Опубліковано 20 березня 2023 року. URL: <https://mon.gov.ua/ua/news/mon-proponuye-do-gromadskogo-obgovorenniya-proyekt-standartu-vishoyi-osviti-zi-specialnosti-standartu-vishoyi-osviti-zi-specialnosti-014-serednya-osvita-na-drugomu-magisterskomu-rivni-vishoyi-osviti>. Дата звернення: 27.03.2023 р.
12. Деякі питання розміщення державного (регіонального) замовлення, поєднання спеціальностей (предметних спеціальностей), спеціалізацій та присвоєння

- професійних кваліфікацій педагогічних працівників закладами фахової передвищої, вищої освіти: Наказ №1006 МОН України від 11.11.2022 р.
13. Закон України № 463-IX «Про повну загальну середню освіту». URL: <https://zakon.rada.gov.ua/laws/show/463-20#n984>
 14. Концепція розвитку педагогічної освіти (Затверджено Наказом Міністерства освіти і науки України № 776 від 16 липня 2018 р. URL: <https://mon.gov.ua/ua/npa/pro-zatverdzhennya-koncepciyi-rozvitku-pedagogichnoyi-osviti>
 15. Національний глосарій 2014. URL: http://ihed.org.ua/images/biblioteka/glossariy_Visha_osvita_2014_tempus-office.pdf
 16. Про деякі питання державних стандартів повної загальної середньої освіти. Постанова Кабінету міністрів України № 898 від 30 вересня 2020 р. URL: <https://www.kmu.gov.ua/npas/pro-deyaki-pitannya-derzhavnih-standartiv-povnoyi-zagalnoyi-serednoyi-osviti-i300920-898>
 17. TUNING (для ознайомлення зі спеціальними (фаховими) компетентностями та прикладами стандартів. URL: <http://www.unideusto.org/tuningeu/>
 18. Булава Леонід. До проекту Стандарту й Освітньо-професійних програм спеціальності 014 Середня освіта. URL: <http://education-ua.org.ua/component/content/article/19-blogi/tema-1/659-do-proektu-derzhavnoho-standartu-vyshchoyi-osvity-y-rozrobky-osvitno-profesiynykh-prohram-zi-spetsialnosti-014-serednya-osvita>
 19. Розвиток системи забезпечення якості вищої освіти в Україні: інформаційно-аналітичний огляд. URL: http://ihed.org.ua/images/biblioteka/Rozvitok_sisitemi_zabesp_yakosti_VO_UA_2015.pdf
 20. Розроблення освітніх програм: методичні рекомендації. URL: http://ihed.org.ua/images/biblioteka/rozroblennya_osv_program_2014_tempus-office.pdf
 21. Розвиток системи забезпечення якості вищої освіти в Україні: інформаційно-аналітичний огляд. URL: http://ihed.org.ua/images/biblioteka/Rozvitok_sisitemi_zabesp_yakosti_VO_UA_2015.pdf

APPENDICES

Appendix 1

Matrix of correspondence between educational components and graduate competencies defined by the EPP

[illegible]

Matrix of correspondence between educational components and learning outcomes defined by the EPP

[illegible]

