

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

Ternopil Volodymyr Hnatiuk National Pedagogical University

**EDUCATIONAL AND PROFESSIONAL PROGRAM
"GEOGRAPHY"**

The first (Bachelor) level of higher education

in specialty 106 Geography

the field of knowledge 10 Natural Sciences

Qualification: Bachelor of Geography. Specialist in the relevant specialty

APPROVED BY ACADEMIC COUNCIL

The Head of the Council

(signature) /**V.P. Kravets**/

(protocol № 10 of 27 March 2018)

Educational Program is being introduced on 1 September, 2018

Rector

(signature) /**B.B. Buyak**/

(order № 98 of 27 March 2018)

1. Profile of the educational program in specialty № 106 “Geography”

1 - General information	
Full name of higher educational institution and structural unit	Ternopil Volodymyr Hnatiuk National Pedagogical University Department of Geography and Geography Methodology
The degree of higher education and the name of the qualification in the language of the original	Bachelor, Bachelor of Geography. Specialist in the relevant specialty
The official name of the educational program	Educational and Professional Program “Geography”
Type of diploma and the volume of the educational program	Unitary. For the bachelor's educational degree - 240 credits ECTS. The term of study - 4 years
Availability of accreditation	-
Cycle/Level	(NQF - national qualifications framework) Ukraine - level 6, FQ-EHEA - first cycle, EQF-LLL - level 6
Prerequisites	Enrollment on the basis of Certificate of Complete General Secondary Education, Educational qualification level “Junior specialist”
Teaching languages	Ukrainian
The duration of the educational program	year 2022
Internet address of the permanent description of the educational program	-
2 - The purpose of the educational program	
To provide bachelors' preparation - qualified specialists, who are capable to solve professionally complex specialized tasks and practical problems in the field of natural sciences (specialty 106 Geography) by applying theories, methods, technologies, methods of basic and convergent geography sciences, constant self-education, research, innovations and by forming general and professional skills necessary for communication, cooperation, information dissemination, etc.	
3 - Characteristics of the educational program	
Subject area (branch of knowledge, specialty,	Branch of knowledge – 10 Natural Science; specialty - 106 Geography;

specialization (if applicable))	
Orientation of the educational program	Educational and professional program;
The main focus of the educational program and specialization	Formation and development of professional competence for conducting research and innovation activities in the field of geographic preparation according to the science modern requirements, world media space, world recommendations on geographic education.
Peculiarities of the program	The educational program contains educational and production (according to specialization) internship; has a wide range of normative academic disciplines in the cycle of professional and practical preparation in specialties: "Nature Conservation and Sustainable Environmental Management", "Fundamentals of Territorial and Regional Development", "Political Geography and Country Studies", has a considerable variational group of selected disciplines in the humanitarian and social-economic training cycle, as well as in the cycle of professional and practical training.
4 - Eligibility of graduates for employment and further training	
Graduates' Eligibility for employment	2442.1 Research Scientist (geography) 2442.2 Geographer 2442.2 Geographer (political geography) 2442.2 Geographer (physical geography) 2442.2 Geographer-economist 2442.2 Specialist in urban and district planning 2442.2 Specialist in the placement of productive forces and regional economics 2442.2 Specialist in environmental management
Further training	Possibility to study according to the programs: NQF – (national qualifications framework) Ukraine - 7 level; 2 cycle FQ-EHEA, 7 level EQF-LLL.
5 - Teaching and evaluation	
Teaching and studying	Problem-oriented studying, student-oriented studying, studying in the MOODLE system, self- studying, studying through training and production practices, studying using project technologies, Case Studies, Cloud Technology, Gamification, etc.
Assessment	According to levels: self-control, teacher's control, control of the head of the department, dean's control, administration's control, state control. According to terms: operational monitoring (enrollment test,

	current control, mid-terms, finals) and delayed monitoring; Forms of control: oral and written examinations, tests, presentation of scientific work, report and internship defense, course paper, exams, defense of course paper.
6 - Program competencies	
Integral competency	The ability to solve complex professional and practical problems, that are characterized by complexity and uncertainty of the conditions, in the field of Geography which involves the application of theories, approaches and methods of the basic and convergent sciences of Geography, constant self-education, research conduction and innovations introduction.
General competencies	<p>GC1 Ability to work with modern information technologies; to learn and master modern knowledge, using Internet resources, computer programs, social networks, own Internet-projects.</p> <p>GC2 Ability to work in the field of informational and communicational technologies; ability for distance learning.</p> <p>GC3 Ability to search, process and analyze information from different verbal sources.</p> <p>GC4 Ability to apply basic knowledge of Philosophy, Psychology, Pedagogy, which contribute to the development of the general culture and individual socialization, propensity to ethical values, knowledge of national history, economics and law.</p> <p>GC5 Ability to understand and establish cause-effect, functional, spatial, logical connections of the development of nature and society.</p> <p>GC6 Ability to solve socio-economic and political problems considering universal values, norms of behavior and morals in state, production, interpersonal and public relations.</p> <p>GC7 Ability for abstract thinking, analysis and synthesis, generation of new ideas (creativity), adaptation and action in a new situation.</p> <p>GC8 Ability to motivate people and move towards a common goal, work in an international context.</p> <p>GC9 Ability to develop and manage projects, conduct research on the appropriate level.</p> <p>GC10 Ability to organize separate activities as a component of collective activity, to work autonomously, to act socially responsible and consciously, to make grounded decisions.</p> <p>GC11 Ability to work in a team, evaluate and ensure the quality of conducted work.</p>

	<p>GC12 Ability to apply the acquired knowledge in practical situations.</p> <p>GC13 Ability to communicate properly in the state language both verbally and in writing</p> <p>GC14 Ability to use foreign language knowledge during professional activities.</p>
Professional competencies of the specialty	<p>PC1 Ability to demonstrate knowledge about the structure of geographical sciences, subject, object of research, place and connections in the system of sciences, stages of the history of development, importance for society.</p> <p>PC2 Ability to understand the structure of the Universe, knowledge about the history of the Earth in general and the Earth crust in particular, the long and complex path of humanity's environment discovery and their place in it, the modern scientific picture of the world.</p> <p>PC3 Ability to analyze the interaction of natural components in the geographic environment, geographic zones, continents' and oceans' natural complexes.</p> <p>PC4 The ability to analyze and evaluate the paleo-landscapes of Ukraine and the world, their origin and the main stages of development, the condition of natural and natural-human-made landscapes, solve applied problems in ecological assessment of landscapes, calculate the coefficients of anthropogenic load on landscapes.</p> <p>PC5 Ability to apply the main methodological approaches to the study of specific geographic objects, phenomena or processes, conducting integrated physical-geographical, socio-economic research, elucidation of environmental problems, establishment of general patterns of interaction between man and the environment, the influence of environmental factors on the functioning of the human body, preservation and improvement of population health.</p> <p>PC6 Ability to apply knowledge and skills from the basics of higher mathematics, informatics, geophysics, geochemistry for the coherent content assimilation of geographical education.</p> <p>PC7 Ability to assess the climate impact, relief on the stability of engineering structures and human development activities in general.</p> <p>PC8 Ability to understand the general laws of climatological and hydrological processes on Earth, to assess their role, place and significance in the geographical environment and life functioning of society.</p> <p>PC9 Ability to master theoretical aspects in the development and improvement of ways to create</p>

	<p>topographical cartographic works, plans and profiles, to evaluate their importance in solving scientific and practical problems.</p> <p>PC10 The ability to characterize the peculiarities and ways of development of certain natural and socioeconomic systems.</p> <p>PC11 The ability to understand the general principles of social geography, laws and regularities of geospatial organization of society, the main theories and concepts, the system of research methods.</p> <p>PC12 Ability to determine the patterns of placement, movement, structure, territorial organization of the population, social production, spatial processes and forms of people's life organization in the world, its regions and countries.</p> <p>PC13 Ability to comprehend regulatory, organizational and professional safety aspects of life-sustaining activity and the way of their application in the case of emergency.</p> <p>PC14 Ability to assess the population health, as well as the functioning and development of health care.</p> <p>PC15 Ability to determine the main sources of historical and geographical research in the knowledge acquisition of the development history geography in Ukraine, its periodization, the establishment of the contribution of individuals in the study; ability to assess the historical and contemporary processes and problems in the country's life.</p> <p>PC16 The ability to analyze concepts, paradigms, geography theories to characterize geographic phenomena and processes within Ukraine and the whole world.</p> <p>PC17 The ability to assess the role and place of Ukraine in the modern world, to analyze and explain the peculiarities of geospatial nature organization, population and economy of Ukraine.</p> <p>PC18 Ability for practical application of theoretical models of economic regional development, basic knowledge of geo-social studies, creation of urban development projects.</p> <p>PC19 Ability to assess geographic processes and phenomena for further forecasting of the peculiarities of cooperation of countries at the global and regional levels.</p> <p>PC20 The ability to synthesize knowledge of the theoretical foundations of local lore for the assessment of natural conditions, development of the economy, population and social sphere of the native land.</p> <p>PC21 The ability to analyze and evaluate the regulatory</p>
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	<p>and legislative basis, the theoretical basis of recreational geography, recreational and resource potential for the functioning of tourism in Ukraine and its individual regions; ability to apply the necessary technologies of tourism activity for the development and organization of tourist-geographical routes, conventions, meetings; ability to determine the priority directions of tourism development in Ukraine.</p> <p>PC22 The ability to understand the theoretical and methodological foundations of management and marketing, to apply scientific belief system and special knowledge in the organization field of an enterprise management in a market economy.</p> <p>PC23 The ability to analyze the peculiarities of the formation and functioning of the world economy, its structure, natural resource potential, world economic relations.</p> <p>PC24 Ability to adopt a system of knowledge about the spatial organization of the political life of society, the territorial balance of political forces on different hierarchical levels.</p> <p>PC25 The ability to understand the theoretical, methodological and historical problems of the development of social geography and its structural units, modern problems of territorial organization of society and regional social structures; ability to assess the trends of world social development.</p> <p>PC26 Ability to realize the essence of the relationship between the natural environment and human, to understand and explain the strategy of sustainable development of mankind.</p> <p>PC27 Ability to conduct field geographic area studies, to use the universal analytical methods and methods of processing of experimental data.</p>
7 - Program outcomes of studying	
Program outcomes of studying	<p>POS1 Knows and understands the basic concepts, paradigms, theories and general structure of geographic science, the subject and object of its study, the place and connections in the system of sciences, the stages of the history of development.</p> <p>POS2 Knows and understands the content of the fundamentals of Philosophy, Jurisprudence, Psychology, Pedagogy, that promotes the development of the general culture and individual socialization, that is necessary for the establishment of causal relationships and ability to use</p>

them in professional and social activities.

POS3 Knows and understands the essence of the basic concepts, regulations and patterns of the economy development functioning, the unique features of the national and regional economy according to the economic potential of the territory.

POS4 Knows and understands current information about the structure, size and organization of our galaxy and the place of the solar system in it; general geographic patterns of structure, dynamics, development and functioning of the geographic environment of the Earth and its components - the lithosphere, the atmosphere, the hydrosphere, the biosphere.

POS5 Knows and understands the essence of modern relief as a component of the natural environment, its morphogenesis, history of development, methods of research, general patterns of climatological and hydrological processes on Earth, taxonomic units of plant and animal life.

POS6 Knows the interaction patterns of elements of natural ecological systems and socioecosystems on different levels during the process of using natural resources.

POS7 Knows and understands the essence of the mathematical apparatus tooling, the general foundations of geophysics, geochemistry, computer science, GIS (Geographic information system).

POS8 Knows and understands the essence of map-making, the properties of the Earth surface in geometrical relationship with the use of cartographic projections, the value of geographic maps.

POS9 Knows the natural Earth landscape components, natural and anthropogenic complexes, scientific fundamentals of optimizing the relationship between man and nature, principles and methods of research.

POS10 Knows and understands the physical and geographical features of continents and oceans and their regions.

POS11 Knows the natural conditions and natural resources of Ukraine, regional landscape structures, geoecological problems, structural and geographical principles of regional nature management.

POS12 Knows and describes the socio-geographical position of Ukraine and its regions, natural resource potential, population, development and placement of

	<p>leading industries and intersectoral complexes, socio-geographical regions, external relations of Ukraine, current problems and prospects of development.</p> <p>POS13 Knows the methods of scientific research and the ways of their application.</p> <p>POS14 Knows and understands the theoretical foundations of local lore for assessing natural conditions, economic development, population and the social sphere of the native lands.</p> <p>POS15 Knows and understands the importance of recreational and resourcing information to use it for the characteristic of the main types of recreational and tourist resources and recreational areas.</p> <p>POS16 Knows and understands the peculiarities of the formation and functioning of the world economy, its structure, natural resource potential, the basis of production technology, world economic relations.</p> <p>POS17 Knows the territorial balance of political forces on different hierarchical levels, the content of the main political science doctrines; is able to explain the influence of political science on the development of political geography; is able to assess the possibilities of his own influence as a citizen to change the political system of Ukraine.</p> <p>POS18 Knows and understands the methods and techniques of paleogeographic research and paleo-landscapes reconstruction, the origin and stages of landscapes and natural zones development in the past and now.</p> <p>POS19 Knows and understands the importance of social geography in the development of social processes and society, their peculiarities in the regions of Ukraine and the world; regulatory, organizational and professional aspects of life safety and how to use them in the case of emergency.</p> <p>POS20 Has the ability to apply professional and fundamental knowledge of the Ukrainian language during professional activities.</p> <p>POS21 Knows how to apply psychological tools, while conducting socio-psychological research by using methods of collecting, analyzing and processing information (researches); how to give a description of the subject of research – the problem situation, risk groups, representatives of problem groups, etc.</p> <p>POS22 Is able to research modern teaching technologies</p>
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	<p>of teaching, apply traditional and innovative forms, methods, methods of teaching.</p> <p>POS23 Can communicate in a foreign language in a typical professional situation, understand the basic content of authentic texts of general and professional-oriented nature, read and understand foreign-language original literature and professional-oriented foreign sources, record and transmit written information in a foreign language.</p> <p>POS24 Is able to determine the features and patterns of spatial differentiation of the geographical environment, to distinguish the problems of the functioning of its natural components (lithosphere, atmosphere, hydrosphere, biosphere), the influence of anthropogenic factor on its integrity.</p> <p>POS25 Has the ability to work with a global Internet network, with search engines and links, GIS; to analyze cartographic images using specialized software, to develop layouts, charts, profiles using information technology.</p> <p>POS26 Is able to distinguish the main genetic terrain types of Earth, explain the difference between types of relief, highlight the characteristics of the types of relief, classify the hydrological objects, investigate them, predict changes, evaluate the water resources of different parts of the globe, link them with other natural conditions and resources.</p> <p>POS27 Is able to define cartographic projections, describe any cartographic work, establish a connection between cartography and other fields of science.</p> <p>POS28 Is able to illustrate his thoughts by using concrete examples (naming objects, phenomena, processes) from separate topics of social geography; to apply theoretical ideas of the course for explanation of the geospatial organization of society, conduct the discussion using real life arguments about the newest processes in the geospatial organization of society.</p> <p>POS29 Is be able to perform a morphological analysis of the main types of soils in Ukraine and develop models for their balanced use.</p> <p>POS30 Is able to establish the relationship between the trends of population development and all subsystems of society and natural environment; explain the trends of population development, develop regulation measures for demographic processes, the formation of human potential of territories.</p>
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	<p>POS31 Has an ability to summarize and evaluate the development of various scholar schools on the problems of landscape science, to classify approaches to the study of the landscape, to assess the degree of human impact on the natural landscape, to classify landscapes and to explain the patterns of their distribution on the Earth surface, to apply knowledge about landscapes and their morphological units for compilation of landscape maps.</p> <p>POS32 Ability to characterize the natural complexes of continents and oceans, peculiarities and ways of development of certain natural systems, using typical plans, thematic maps and innovative teaching aids; to predict changes in the physical geography of continents and oceans.</p> <p>POS33 Is able to carry out complex researches about nature and natural processes of Ukraine and its separate regions; develop projects and implement practical measures aimed at protecting nature; selection, analysis, presentation and dissemination of geographical information, using a variety of written, oral and visual means, cartographic methods (including information technologies);</p> <p>POS34 Is able to analyze changes in the structure of the economy of Ukraine, using statistical tables, charts, diagrams; to substantiate promising directions of balanced economic development of Ukraine in general and individual regions.</p> <p>POS35 Is able to analyze the process of scientific knowledge, classify the methods of scientific geographic research and use them on practice; to substantiate the chosen problem of research, to formulate the tasks of scientific geographic research, to develop a method of geographic research, using knowledge of the theoretical foundations of scientific research.</p> <p>POS36 Is able to assess the tourism potential of Ukraine and its separate territories, the features of this territory for travel and tourist trips, to draw up routes, to formulate technological procedures for the preparation, organization and implementation of new types of geographic and regional studies excursions and integrated local studies of their area, taking into account the physical development and public health; to identify the priority tourism areas in Ukraine, in particular, the program tourism, youth tourism, ecological tourism, etc.</p> <p>POS37 Is able to explain the essence of management and</p>
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	<p>evaluate its place in the general management system, to take managerial decisions in professional activity, to conduct dialogue, adhere to the requirements of the ethics of business communication, to evaluate the effectiveness of marketing activities and to develop recommendations for the improvement of commodity, pricing, communication and distribution marketing policies enterprises.</p> <p>POS38 Is able to analyze the content of the main historical and geographical sources in order to find out the contribution of individuals in the study and development of the history of Ukraine and geographic science.</p> <p>POS39 Is able to use the general paleogeographic methods of research, to remove the necessary information from stratigraphic and paleo-geographical schemes, to compare data, to conduct elemental spatio-temporal correlations of various events and processes of the geological past and the reconstruction of pale-landscapes zones and areas.</p> <p>POS40 Is able to collect socio-geographical information by using modern information technologies and analyze it; interpret research results, apply them to model social behavior of the population at the local, regional and global levels.</p>
8 - Resource support for the implementation of the program	
Personnel support	<p>Project Group: 2 Doctors of Science, 1 professor, 1 associate professors, 2 candidates of sciences, associate professors. All developers are regular staff of Ternopil Volodymyr Hnatiuk National Pedagogical University. Guarantor of the educational program: Pytuliak M.R. - Ph.D., Associate Professor of the Department of Geography and Methods of its Teaching. Scientific and pedagogical staff with academic degrees and academic degrees, as well as highly skilled specialists, are involved in the program realization. For the purpose of raising the professional level, all scientific and pedagogical workers undergo an internship every five years, including overseas.</p>
Material and technical support	- educational buildings; themed based classes; specialized laboratories; computer classes; wireless access points to the Internet; multimedia equipment; geographical permanent study areas; sports hall, sports grounds; dormitories; canteens.
Informational,	official site of TNPU: http://tnpu.edu.ua ; unlimited

studying and methodological support	internet access; scientific library, reading rooms; virtual learning environment Moodle; MS Office package; corporate mail; training and work plans; curricula of the educational process; schedule of classes; educational-methodical complexes of disciplines; training and work programs of disciplines; didactic materials for independent and individual work of discipline students; practice programs; guidance on the conduction of course projects (papers); criteria for assessing the level of training; complex packages control works.
9 - Academic mobility	
National Credit Mobility	Qualification Improvement (internship) of scientific and pedagogical employees in domestic higher educational institutions-partners
International Credit Mobility	-
Studying of foreign applicants for higher education	-

2. List of components of the educational and professional program and their logical consistency

2.1. List of components of educational and professional program

Code	Components of the educational program (educational disciplines, course projects (work), practice, qualification work)	Credits	Estimation form
1	2	3	4
OBJECTIVE COMPONENTS OF EDUCATIONAL PROGRAM			
OC1.1.01	History of Ukrainian statehood and national culture	5	Exam
OC1.1.02	Philosophy	3	Exam
OC1.1.03	Ukrainian language (professional aim)	3	Credit
OC1.1.04	Psychology and pedagogy	6	Credit
OC1.1.05	Foreign language	7	Credit / Exam
OC1.1.06	Physical Education		Credit
OC2.1.01	Geology	6	Exam
OC2.1.02	General Earth Science	4	Exam
OC2.1.03	Meteorology and Climatology	4	Exam
OC2.1.04	Principles of Ecology	3	Credit
OC2.1.05	Higher Mathematics	3	Credit
OC2.1.06	Physics with the Basics of Geophysics	3	Credit
OC2.1.07	Modern Information Technologies	3	Credit
OC2.1.08	Biogeography	4	Exam
OC2.1.09	Geomorphology	4	Exam
OC2.1.10	General Hydrology	4	Exam
OC2.1.11	Social Geography Fundamentals	4	Exam
OC2.1.12	Basics of the Scientific Research	3	Credit
OC2.1.13	Chemistry with the Basics of Geochemistry	3	Credit
OC2.1.14	Topography with the Basics of Geodesy	4	Exam
OC2.1.15	Cartography	3	Exam
OC2.1.16	Geography of Soils with Fundamentals of Soil	4	Credit
OC2.1.17	Population Geography	4	Exam
OC2.1.18	Landscape Studies	3	Exam
OC2.1.19	Life Safety, Civil Protection and Labor Protection	4	Credit
OC2.1.20	Physical Geography of Continents and Oceans	10	Exam
OC2.1.21	Physical Geography of Ukraine	6	Exam/ Credit
OC2.1.22	Economic and Social Geography of Ukraine	6	Exam
OC2.1.23	Regional Economic and Social Geography	10	Exam
OC2.3.01	Field practice (1 year)	6	Credit
OC2.3.02	Field practice (2 year)	6	Credit
OC2.3.03	Field practice (3 year)	6	Credit
OC2.4	Course Paper	2	Credit
OC2.5	State Exam /Graduation Work	6	Exam
Total		152	

1	2	3	4
SELECTIVE COMPONENTS OF THE EDUCATIONAL PROGRAM			
<i>Selective Unit 1.</i>			
SC1.2.01	Economic Theory / Economics	3	Exam
SC1.2.02	Sociology / Ethics and aesthetics	3	Credit
SC1.2.03	Politics / Logic	3	Credit
SC1.2.04	Foreign language (situational and domestic)	3	Credit
SC1.2.05	Fundamentals of Jurisprudence	3	Credit
SC2.2.01	Methods of Geographic Research / Math Methods in Geography	4	Credit
SC2.2.02	Fundamentals of Production Technologies / Geourbanistics	4	Exam
SC2.2.03	Historical Geography / Historical Landscape Science	4	Exam
SC2.2.04	Fundamentals of Management and Marketing / Management of Natural Resources Use	4	Credit
SC2.2.05	Recreational geography / Geography of tourism in Ukraine	3	Credit
SC2.2.06	Geographical ethnography / Tourist regional areas studies	3	Exam
SC2.2.07	Geography of the world economy / Geopolitics	4	Exam
SC2.2.08	Geoinformation Technologies in Geography / Remote Sensing of the Earth	3	Credit
SC2.2.09	Social geography / Electoral geography	3	Credit
SC2.2.10	Medical Geography / Geography of Education and Science	3	Credit
SC2.2.11	Paleogeography / Paleolandscape studies	4	Credit
SC2.2.12	Astronomy / Recent geodynamics of the Earth's crust	4	Credit
<i>Selective Unit 2. Specialization</i>			
<i>2.1. Nature conservation and its sustainable management</i>			
SC2.2.1.01	Applied Ecology	4	Credit
SC2.2.1.02	Environment Measurement and Monitoring Methods	3	Credit
SC2.2.1.03	Landscape Ecology	3	Credit
SC2.2.1.04	Nature management: environmental and economic aspects	4	Exam
SC2.2.1.05	Reserve Management and Studies	3	Credit
SC2.2.1.06	Ecological Geography	3	Credit
SC2.2.1.07	Ecological Geology	4	Exam
SC2.2.1.08	Practical training (specialization)	6	Credit
<i>2.2. Fundamentals of Territorial Governance and Regional Development</i>			

SC2.2.2.01	Territorial management and marketing	4	Credit
SC2.2.2.02	Fundamentals of district planning	3	Credit
SC2.2.2.03	Agrometeorology	3	Credit
SC2.2.2.04	Legal basis of land-use management	4	Exam
SC2.2.2.05	Land Resources Management	3	Credit
SC2.2.2.06	Relevant issues of rural areas	3	Credit
SC2.2.2.07	Regional development management	4	Exam
SC2.2.2.08	Practical training (specialization)	6	Credit
2.3. Political geography and cross-cultural studios			
SC2.2.3.01	Geographic Fundamentals of Market Economy	4	Credit
SC2.2.3.02	Fundaments of cross-cultural, political and geographic research	3	Credit
SC2.2.3.03	Fundamentals of Political Geography	3	Credit
SC2.2.3.04	International Economic Relations	4	Exam
SC2.2.3.05	Historical and geographical foundations of the formation of the political map of the world	3	Credit
SC2.2.3.06	European Union Countries' Geography	3	Credit
SC2.2.3.07	Area Studies and World System Theory	4	Exam
SC2.2.3.08	Practical training (specialization)	6	Credit
Total		88	
General		240	

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Certification of graduates of the educational program in the specialty 106 Geography is conducted in the form of a state test-examination.

The state examination purpose is to evaluate the level of theoretical knowledge and practical skills and competences from the normative and variational disciplines according to the training program of a specialist with the educational degree "Bachelor" in the specialty 106 Geography.

Requirements for students' abilities and preparedness. The following conditions are essential for the successful state examination completion: a profound level of knowledge of the theoretical and practical material determined by the curricula of the specialized disciplines; awareness of the program material and independence of judgement; the usage of new scientific information; the ability to think logically when solving computing and situational tasks; the ability to use acquired theoretical knowledge in everyday life.

The questions and tasks of the following normative disciplines are given to the state examination: Geology, General Earth science, Meteorology and Climatology, Biogeography, Geomorphology, General Hydrology, Soil Geography with Soil Science Basis, Landscape Science, Physical Geography of Continents and Oceans, Physical Geography of Ukraine, Fundamentals of Social Geography, Topography with the Geology Basics, Cartography, Geography of the Population, Economic and Social Geography of Ukraine, Regional Economic and Social Geography, as well as individual selective disciplines.

State exam examination cards will include following tasks:

2nd level of complexity tests of closed-ended and open-ended type;
theoretical tasks (3rd level of complexity);
practical tasks (computing task and situational task).

Test tasks are one of the control forms of the degree of students' theoretical training from every studied discipline.

1st level of complexity. Every question of closed-ended tests has several answer options.

The student should choose only one correct answer.

2nd level of complexity. The open-ended type of the test has the form of incomplete judgment, in which one or more elements are missing. Therefore, the student should independently and succinctly formulate the missing answer.

While assessing the theoretical problems of the **3rd level of complexity**, in addition to the completeness of the disclosure of the issue, account is taken of: logical thinking, writing sequence, language culture, emotionality and firmness of statements, references to additional literary sources, technical means usage in the preparation of materials, literacy of analysis and substantiation of conclusions in the elaborated topic, etc..

Practical tasks. To solve an issue, a practical, situational problem, in addition to the main literary sources, the student should study research literature independently, as well as the legislative and normative base, statistical internal and external information and to use

Internet

resources

