

Degree Programme Profile

1 – General Information	
Full Name of the Higher Education Institution	O. M. Beketov National University of Urban Economy in Kharkiv
Degree Title in Original Language	Bachelor in Environmental Studies
Official Title of the Degree Programme	Environmental Studies
Degree Type, Scope and Terms of Study of the Degree Programme	Bachelors' Degree, singular, 240 ECTS credits, terms of study – 3 years and 10 months
Accreditation Agency	Ministry of Education and Science of Ukraine, Accreditation Certificate УД № 21008295, valid till 01.07.2028
Cycle / Level	The first (bachelors') degree NQF of Ukraine – the 6 th level FQ-EHEA – the 1 st cycle EQF-LLL – the 6 th level
Entrance Requirements	High school degree Common terms of entrance issued by the national higher education authority
Language(s) of Instruction	Ukrainian
Term of Validity of the Degree Programme	5 years
Permanent Internet-link to the Degree Programme Description	http://ecology.kname.edu.ua77
2 – The Aim of the Degree Programme	
	To acquire a sum of knowledge and practical skills for their use in professional activities in the fields of environmental science, protection of the environment and sustainable use of natural
3 – Features of the Degree Programme	
Subject	<p><i>Subject:</i> structure and functions of ecosystems of different origin at different scales; human impacts on the environment and optimization of nature resources use.</p> <p><i>Theoretical content:</i> Terms, concepts and principles of modern natural sciences including ecology and environmental science, their application to environmental protection, natural resources use and sustainable development.</p> <p><i>Methodology and techniques:</i> A student has to master the methodology of data collecting, procession and interpreting the results of environmental research.</p> <p><i>Equipment and tools:</i> equipment, tools and software necessary for the field, laboratory and remote survey and studies of the structure and properties of environmental systems of different origin at different scales.</p>
Orientation of the Degree Programme	Applied Professional Education
Main Focus of the	The degree programme is a general (basic) higher education one and aims

Degree Programme	at acquiring skills in methodology of data acquisition, processing and interpreting, as well as in research and development, designing, organizing and management activity, in educational and instructional activity in the field of environmental studies, in environmental protection and sustainable nature resources management.
Specific Features	–
4 – Employment Opportunities and Further Education of Alumni	
Employment Opportunities	Alumni graduated as Bachelors in Environmental Studies are able to perform the following jobs according to the State Job Classifier (ДК 003:2010): - laboratory assistance in the field of biology and life sciences (3211); - assistants to veterinarians, junior professionals in agronomy, forestry, water resources management and nature reserve management (3212); - technicians in the fields of physical sciences and engineering (3119); - technicians and assistants to managers (3439); - state controllers (3449).
Further Education	Earning the Masters' Degree
5 – Teaching and Evaluation	
Teaching and Learning	- Student-centred learning; - humanistic approach; - learning oriented to societal practices; - problem-based learning.
Evaluation	Written and oral exams, reports from practical training, presentations on individual assignments, project works. Public defence of Bachelor's thesis.
6 – Programme Competences	
Integral Competency	Ability to solve complex specific tasks and address practical challenges in the field of Environmental Science, Environmental Protection and Sustainable Nature Resources Management, either during the study period or during professional life, by applying basic theories and methods of Environmental Sciences under conditions of complexity and uncertainty.
General Competences (GCs) as defined by the Standard of Higher Education in Environmental Studies	GC01. Knowledge and understanding of the subject and professional activities. GC02. Information and communication technology skills. GC03. Capability to adapt to and act in novel situations. GC04. Oral and written communication skills in Ukrainian as an official language. GC05. Ability to communicate in a foreign language. GC06. Ability to communicate with representatives of different professional groups (experts from different fields of studies / economic sectors). GC07. Ability to socially responsible and conscience actions. GC08. Ability to carry out research activities at a proper level. GC09. Teamwork skills. GC10. Interpersonal communication skills. GC11. Ability to evaluate and assure the quality of work tasks performed. GC12. Ability to realise own citizen rights and responsibilities, to be conscious of civic (liberal, democratic) society values and the needs of societal sustainable development, the Rules of Law, human and citizen rights and freedom in Ukraine. GC13. Ability to preserve and enhance moral, cultural, scientific values

	and achievements of the society basing on understanding the history and development patterns of the field of studies, its place in an integrated systems of knowledge on the Nature and Society, Engineering and Technologies, to practice various types and forms of physical activity for active recreation and a healthy lifestyle.
Specific Competences (SCs) as defined by the Standard of Higher Education in Environmental Studies	<p>SC14. Knowledge and understanding of theoretical basics of Environmental Science, Environmental Protection and Sustainable Nature Resources Management.</p> <p>SC15. Ability to appraise critically main theories, methods and principles of Natural Sciences.</p> <p>SC16. Understanding of main theoretical statements, concepts and principles of Mathematics, Social Science and Economics.</p> <p>SC17. Knowledge of contemporary achievements of national and international environmental legislation.</p> <p>SC18. Ability to assess impacts of technogenic processes on the environment and identify environmental risks related to industrial activities.</p> <p>SC19. Ability to apply basic principles and practices of Environmental Management.</p> <p>SC20. Ability to monitor and assess the current state of the environment.</p> <p>SC21. Ability to justify the needs for and develop measures on conserving the landscape and biological diversity and designing ecological networks.</p> <p>SC22. Ability to participate in designing Industrial and Municipal Waste Management systems.</p> <p>SC23. Ability to utilize contemporary information sources in the environmental research.</p> <p>SC24. Ability to inform the people on the state of environmental security and sustainable nature resources management.</p> <p>SC25. Ability to master international and domestic experience in solving regional and trans-boundary environmental problems.</p> <p>SC26. Ability to participate in environmental governance actions and/or environmental projects.</p>
Programme learning outcomes	
Learning outcomes specified by the degree programme	<p>PR01. To demonstrate understanding of basic principles of environmental and project management.</p> <p>PR02. To understand basic laws, rules and principles of ecology, environmental science, environmental protection and nature resources management.</p> <p>PR03. To understand basic concepts, theoretic and practical problems in the field of natural sciences necessary for analysing and decision-making in environmental science, environmental protection and sustainable nature resources management.</p> <p>PR04. To use management principles on which the environmental safety system is based.</p> <p>PR05. To comprehend conceptual basics of environmental monitoring and norms of anthropogenic load on the environment.</p> <p>PR06. To reveal factors determining landscape and biological diversity.</p> <p>PR07. To be able to solve problems in the area of environmental protection using common and standard approaches from international and national experience.</p> <p>PR08. To be capable to make an information search for relevant sources to make well-justified decisions.</p> <p>PR09. To demonstrate skills in evaluating unexpected environmental</p>

	<p>problems and sound choice of pathways towards solving them.</p> <p>PR10. To be able to use software, GIS-technologies and the Internet resources for information support of environmental research.</p> <p>PR11. To be able to forecast impacts from industries on the environment.</p> <p>PR12. To take part in development and implementation of projects aiming at sustainable management of industrial and municipal wastes.</p> <p>PR13. To be able to formulate effective strategies for communicating ideas, problems, solutions and personal experience in the field of environmental science.</p> <p>PR14. To be able to write texts, make presentations and communications for professional audience as well as for broader public adhering to professional ethics, conscience and contra-plagiarism norms.</p> <p>PR15. To be able to make clear economic and political consequences of environmental project implementation.</p> <p>PR16. To choose optimal strategy for holding public hearings on establishing nature protection areas and ecological network development.</p> <p>PR17. To be conscientious on effectiveness and consequences from implementation of integrated environmental protection measures.</p> <p>PR18. To combine skills of independent and team working for getting the result accentuating professional conscience and responsibility for decision-making.</p> <p>PR19. To improve professional skills by further formal education and self-education.</p> <p>PR20. To be able to make inquiries and define actions towards supporting abiding the environmental legislation requirements and norms.</p> <p>PR21. To be able to select optimal methods and instrumental techniques for carrying research, data acquiring and processing.</p> <p>PR22. To take part in development of environmental conservancy projects and practical guidelines involving civil partnership.</p> <p>PR23. To demonstrate skills in implementation of environmental protection projects and measures.</p> <p>PR24. To understand and realise own civil rights and responsibilities, to deliberate values of free, democratic society, the rule of law, human and civil rights and liberties in Ukraine.</p> <p>PR25. To keep and augment societal achievements and values on the base of understanding the place the professional subjects hold in a general system of knowledge, to practice various kinds and forms of motion for a healthy lifestyle.</p>
8 – Teaching and learning resources	
Teaching Staff	The degree programme is supported by 4 Full Professors, D.Sc, and 34 Associate Professors, Ph.D holders. Experienced, qualified and certified teachers who have been trained at leading universities and research institutions both in Ukraine and abroad teach all learning disciplines.
Material support	The curriculum is supported with multimedia-equipped classrooms, 3 computer classes, 4 study laboratories – the Physics, Analytical Chemistry, Environmental Monitoring and Eco-technology ones, equipped with stationary and portable devices.
Information and curricula resources	<ul style="list-style-type: none"> • Official university web-site (https://www.kname.edu.ua/) • University Library • Electronic data-bases • Distance-learning portal MOODLE (http://cdo.kname.edu.ua) • Intramural Internet Wi-Fi access • Subscribed access to publications indexed by the Web of Science and Scopus.

Academic mobility	
National Credit Mobility	Students can participate in the national credit mobility programmes at universities providing for bachelors' degree programme in Environmental Studies (101)
International Credit Mobility	Students have a possibility to participate in international academic mobility programmes under ERASMUS+ programme at University of Nova Gorica (Republic of Slovenia) and Middle East Technical University (ODTU-METU) (Turkey Republic).
Options for International Students	