Profile of Educational Programme on Forestry

General Information	
Legal name of the educational programme	Forestry
Specialty	205 Forestry
Subject area	20 Agricultural Sciences and Food
Academic degree and original title of qualification	Bachelor's degree Bachelor in Forestry
Type of Certificate and scope of the educational programme	Certificate of bachelor's degree, individual, 180 ECTS credits, training time is two years and ten months
Certification	-
Cycle/Level	Ukrainian National Qualifications Framework – 7 level; FQ-EHEA – First Cycle; EQF – 6 level
Requirements for educational level of the undergraduate applicants	The degree of Associate Specialist (Junior Specialist)
Language(s) of education	Ukrainian
Duration of the educational programme	5 years
Aim of the Educational Programme	
	The aim of the educational programme is training of specialists capable of addressing work issues on planting, growing, and maintenance of forest stands as well as their inventory, forest management planning, forest resources use and timber harvesting.
Specification of the Educational Programme	
Subject area	*The object of study and practice:* forest ecosystems, forestry, and game management. *Theoretical content of the subject area:* (1) Scientific and socio-economic principles underlying forestry; (2) Planting, cultivation, maintenance, and assessment of forest stands, use of forest benefits and resources, the impact of forests on society and the environment. *Methods, techniques and technologies:* general scientific methods of cognition, processing, and integration of theory and practice in forestry. Modern methods of investigation of forest condition, estimation of forest resources and biotic productivity, means and technologies of planting, cultivation, and formation of forest stands and use of forest resources. *Tools and equipment:* machines, mechanisms, and tools for technological processes of planting, cultivation, and maintenance of forests, inventory and use of forest resources, timber harvesting based on sustainable technologies and environmental safety.
The educational programme orientation	Educational and professional
Focal point of the	General education and training in forestry.

educational programme and specialization	Keywords: forest plantations, forestry, forest stands, forest management
Specificities of the programme	Requires direct practical on-the-job training

Suitability of graduates to Employment and Further Education	
Suitability to employment	Professions, professional titles of work (according to the current version of the National Classifier of Ukraine: Classifier of professions (DK 003: 2010): - Inspector in Nature Conservation (22652); - Plant Protection Inspector (22652); - Forestry Technician (22652); - Inspector in Harvesting Operations (-); - Forester (13376)
Further education	Continuation of studies for the second (Master's) level. Acquiring additional qualifications in the system of postgraduate education

Teaching and Grading	
Teaching and learning	Lectures, lab sessions, practical classes, self-studying based on textbooks, tutorials and lecture notes, consultations with teachers, preparation of bachelor's thesis.
Grading	ECTS grading system through oral and written examinations, tests, practical training, presentations, and projects

Programme Learning Outcomes	
Programme learning outcomes (PLO) defined by the standard	PLO 1. To analyze the main stages and patterns of historical development to foster civic-mindedness, the formation of national pride and patriotism; PLO 2. To strive to self-organization and self-education; PLO 3. To conduct a literary search in Ukrainian and foreign languages and to analyze the information obtained; PLO 4. To have basic humanitarian, scientific and professional knowledge to solve issues in forestry organization and management; PLO 5. To understand and apply specificities of growth and development of forest stands, theories and principles of forestry and hunting management to solve the problems in professional activity; PLO 6. To select and use the necessary equipment and tools to organize the production process, taking into account environmental, technical and technological capabilities; PLO 7. To apply legislative acts, normative and reference materials, organizational and management documentation on forestry and hunting, and knowledge of economics and law to ensure efficient production; PLO 8. To plan and organize forestry and hunting under established requirements; PLO 9. To apply the well-known methods for experimental data collecting and statistical processing; PLO 10. To analyze the results of studies of forest mensuration characteristics of trees and stands as well as their productivity, the state of forests and environment, and the condition of hunting animals and food resources; PLO 11. To assess the significance of the obtained results of studies of trees, stands, plantations, forests and the state of the environment, as well as the condition of hunting animals and food resources, and to draw

	substantiated conclusions; PLO 12. To integrate and improve forestry production processes under current requirements; PLO 13. To demonstrate respect for ethical principles and establish ethical foundations for collaboration within the team; PLO 14. To perform a coordinated professional activity with high quality, to improve means of the performing, and teach others; PLO 15. To implement the developed design decisions in production and to ensure close to nature forestry management; PLO 16. To provide an efficient and safe working environment.
Programme learning outcomes (PLO) defined by the higher education institution	SPLO 17. Effective communication in a foreign language in a business area. SPLO 18. To apply the categorical method of psychology in the system of vocational training and practical activity. SPLO 19. To apply professional conflict management skills, tools and strategies for managing and resolving. SPLO 20. To use normative and legal acts regulating professional activity. SPLO 21. To apply the basic principles and methods of sociological science to solve professional issues. SPLO 22. To apply language, speech, linguosocio-cultural and communication skills to communicate effectively in a foreign language. SPLO 23. To analyze the peculiarities of cultural processes in the modern world. SPLO 24. To substantiate the moral foundations of social and professional relations on the basis of a categorical analysis of ethical theories. SPLO 25. To possess basic methods of protection of intellectual property; apply the rules of registration of intellectual property rights. SPLO 26. Perform professional communication: create communicative products, analyze communicative activities; adequately respond to criticism, generate and argue new ideas; to implement communicative influence on people by encouraging them to act; to express their own thoughts; identify, apply information and communication technologies; to develop interpersonal team skills. SPLO 27. Apply knowledge and skills in evacuation operations and take measures to prevent, reduce risk and reduce losses from emergencies SPLO 28. Orientation in the features of legal and state regulation of forestry activity and activity on the use of water objects in economic activity, conducting business activity overland.
Resources for Programme Implementation	
Staffing	The educational programme is provided by the following scientific-pedagogical staff: one Doctor of Science and five PhDs. All teachers of the profile graduate sub-department have passed scientific and pedagogical training
Logistical support	The educational process is adequately provided with an auditorium, administrative and support facilities. Lectures are held in classrooms using multimedia equipment and spreadsheets. The laboratory of monitoring of forest and landscape facilities for conducting of practical and laboratory classes (aud. 305/2 BMK at A.N. Beketov Kharkov National University of Urban Economy)

	and specialized audience (# 5a and #10 at Communal College of A.N. Beketov Kharkov National University of Urban Economy) are used as well as computer class at ARHOUSE architectural and artistic studio). The laboratory is equipped with modern specialized facilities for research in the forestry.
Information-technology and methodological resources	All educational components of the educational program "Forestry" are provided with the following educational and methodological materials: textbooks; tutorials; lecture notes; methodological recommendations for practical, laboratory work, individual tasks, course design and independent work, etc. All teaching materials are available for students at the Reading rooms of the Scientific Library http://library.kname.edu.ua/index.php/uk including in the information service hall, equipped with computers providing access to the University's Internet and LAN, in the digital repository http://eprints.kname.edu.ua on the portal of the Centre for Distance Learning http://cdo.kname.edu.ua/
Academic Mobility	
National credit mobility	Cooperation agreements were concluded with the following academic institutions: - Ukrainian National Forestry University; - National University of Life and Environmental Sciences of Ukraine; - Zhytomyr National Agroecological University
International credit mobility	Participation in international credit mobility programs for up to 10 months (2 semesters) at the 3rd and 4th years of study within the framework of agreements on international academic mobility (Erasmus + K1) with the University of Nova Gorica (Republic of Slovenia), Middle East Technical University (Ankara, Turkey).
Training of foreign higher education applicants	-