



Syllabus of the course
«BUSINESS INTELLIGENCE in Finance»

Specialty	<i>D2 «Finance, banking, insurance and stock market»</i>	
Educational program	<i>Finance and credit</i>	
Level of education	<i>Second (master's) level</i>	
Course status	<i>Mandatory</i>	
Teaching language	<i>English</i>	
Course / semester	<i>1 course, 1 semester</i>	
Number of credits ECTS	<i>4</i>	
Distribution by types of trainings and hours of study	<i>Lectures – 10 hours</i>	
	<i>Laboratory classes – 30 hours</i>	
	<i>Independent training – 80 hours</i>	
Form of final assessment	<i>Grading</i>	
Department	<i>Finance and Credit. Kharkiv, Nauky avenue, 9a, Office 218 (1), tel. (057)702-18-36 (add. 3-90), website http://www.kaffin.hneu.edu.ua</i>	
Teacher (-s)	<i>Berest M. M., PhD., Ass. Professor of the Finance and Credit Dpt Leliuk S.V. PhD., Ass. Professor of the Finance and Credit Dpt</i>	
Teacher's contacts	<i>Berest M. M.: marina_berest@ukr.net Leliuk S. V.: lelyuk.svetlana@ukr.net</i>	
Days of the classes	<i>Lectures: according to the current schedule of classes Laboratory classes: according to the current schedule of classes</i>	
Consultations	<i>according to the schedule; by agreement with the teacher (on-line, individual and group)</i>	
<p align="center">The purpose of the discipline "BUSINESS INTELLIGENCE in Finance" is to develop in-depth knowledge and skills of existing information systems and digital technologies for processing and accounting of financial information, their rational use, as well as practical skills in the effective use of modern digital technologies in the process of financial and economic activities of enterprises and organizations</p>		
Structural and logical scheme of studying the discipline		
Prerequisites	Post-requisites	
	Comprehensive training on analysis and optimisation of business processes in the financial sector Pre-graduate internship	
Content of the educational course		
Content module 1 <i>Business analytics as a direction of diagnostics of economic and financial data</i>		
Topic 1. Introduction to Data Analysis		
Topic 2. The essence and areas of activity of BI - analytics		
Topic 3. Construction and analysis of statistical models in the process of data analysis		
Content module 2 <i>BI technologies in the financial sector</i>		
Topic 4. SQL basics for generating financial data arrays		
Topic 5. Using BI tools to solve business intelligence tasks		
Material and technical support (software) of the course <i>MS Excel, MS Access, MS Power BI, multimedia projector, S. Kuznets KhNUE Personal Learning Systems, ZOOM</i>		
Assessment system of learning outcomes		



The University uses a 100-point cumulative system for assessing the learning outcomes of students.

Current control is carried out during lectures and laboratory classes and is aimed at checking the level of readiness of the student to perform a specific job and is evaluated by the amount of points scored (maximum amount is 100 points; minimum amount required is 60 points).

The final/semester control includes current control and assessment of the student, is carried out in the form of a grading.

The final grade in the course is determined as the amount of all points received during the current control.

Current control: competence-oriented tasks on topics (maximum score – 14 points (five competence-oriented tasks during the semester, total maximum number of points – 70)); final control work (maximum score – 30 points).

Semester control: Grading.

More detailed information on the assessment system is provided in the technological card of the course.

Course policies

The teaching of the academic discipline is based on the principles of academic integrity. Violations of academic integrity are considered to be: academic plagiarism, fabrication, falsification, plagiarism, deception, bribery, biased assessment. For violation of academic integrity, students are subject to the following academic responsibility: re-assessment of the relevant type of educational work.

More detailed information on the assessment system is provided in the technological card of the course.