



Syllabus of the educational discipline
«ANALYSIS AND OPTIMIZATION OF BUSINESS PROCESSES IN FINANCE (IN ENGLISH)»

Specialty	072 Finance, Banking and Insurance
Educational program	072.110 IT-finance
Level of education	Master
Discipline status	Base
Teaching language	English
Course / semester	1 course, 1 semester
Number of credits ECTS	4
Distribution by types of trainings and hours of study	Lectures – 8 hours. Practical studies (seminars) – 12 hours. Laboratory studies – 12 hours. Independent training – 88 hours.
Form of final assessment	Exam
Department	Department of Finance, Simon Kuznets Kharkiv National University of Economics, 61166, Kharkiv, Nauki Ave., 9-a, L-35, tel. (057) 702-18-36, www.kaffin.hneu.edu.ua
Teacher (-s)	Leliuk Svitlana, Senior Lecturer, PhD (Economics)
Teacher's contacts	svitlana.lelyuk@hneu.net
Days of the classes	Scheduled
Consultations	Scheduled

The purpose of the discipline is
to form a system of theoretical knowledge and acquire practical skills in computer modeling of business processes; construction of models for the description of the subject area of financial management; analysis of built business processes, their optimization to improve certain aspects of financial activities of economic entities

Prerequisites for learning
Disciplines that provide a general idea of the organization of various business processes of enterprises

Content of the educational discipline

Content module 1. Business processes of enterprises. General principles of their organization

Theme 1. Theoretical principles of business process modeling

Theme 2. Modeling of business processes using various technologies

Content module 2. Modeling and optimization of business processes of the financial sphere in BPMN notation

Theme 3. General principles of business process modeling in BPMN notation ...

Theme 4. Technology to use BPMN elements to model business processes

Theme 5 Business Process Simulation

Material and technical support (software) of the discipline
BizAgi Process Modeler, MS Excel, MS Visio

Course page on the Moodle platform (personal training system)	https://pns.hneu.edu.ua/course/view.php?id= Presentations of lectures, tasks and recommendations for laboratory works, tasks to competent-oriented tasks, etc.
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Assessment system of learning outcomes

*S. Kuznets KhNUE uses a cumulative (100-estimation) rating system. The maximum number of points for the current success is 60. The maximum number of points for the exam is 40.
 More detailed information on assessment is given in the technological card of the discipline.*



Accumulation of rating points in the discipline (example)			
Types of training			Max points
Practical tasks			20
<i>Laboratory work</i>			20
Written Test			10
Colloquium			10
Exam			40
Max points			100
Transference of Simon Kuznets KHNUE Characteristics of Students' Progress into the System of the ECTS Scale			
Total score on a 100-point scale	ECTS assessment scale	Assessment on the national scale	
		for exam, differentiated test, course project (work), practice, training	for pass
90 – 100	A	excellent	pass
82 – 89	B	good	
74 – 81	C	satisfactory	
64 – 73	D		
60 – 63	E	unsatisfactory	not pass
35 – 59	FX		
1 – 34	F		
Discipline policies			
https://www.hneu.edu.ua/akademichna-dobrochesnist/			
<i>It is forbidden to publish (partially or fully) scientific (creative) results, obtained by others as a result of their own research (creativity) and/or reproducing published texts of other authors without attention.</i>			
<i>In case of fulfillment and delivery of tasks later than the established period, the applicant may receive less points than in the case of timely delivery for the same decision</i>			
More detailed information about competencies, learning outcomes, teaching methods, assessment forms, independent training is given in the Syllabus (working plan) of the educational discipline (http://www.repository.hneu.edu.ua/handle/123456789/24153)			

Syllabus approved at the meeting of the Department «Finance». Protocol № 15 from 18/06/2021