BELARUSIAN STATE UNIVERSITY

CURRICULUM

Speciality: 7-06-0411-02 Finance, Taxation and Credits
Profiling: Finance in Digital Economy

Degree: Master
Period of study: 1 year

Rector
Andrei D. Karol
11. 04. 2023
Registration number М30а-5.10-88/уч.

I. Schedule of the educational process

	September				October				November				December				January				February			March				April				May				June				July		August				Academic Studies	Exams	Internship	Research	Master's Thesis	Vacation	Total

YEARS

Row I schedule marks: `: : : = = x x x x` ... `: : / / / / //`

Summary row I: 27 | 5 | 4 | 4 | 1 | 2 | 43
Total: 27 | 5 | 4 | 4 | 1 | 2 | 43

II. Summary (in weeks)

Legend:
- ☐ – Academic Studies
- X – Internship
- // – Master's Thesis
- : – Exams
- / – Research
- = – Vacation

III. Curriculum

No	The name of the module, academic discipline, course project (course work)	Exams	End-of-term test	Academic hours						Semesters — 1 year						Total Credits	Competence Code
				Total	Total in class	Lectures	Laboratory work	Workshops	Seminar classes	1 semester, 17 weeks — Total	Total in class	Credits	2 semester, 10 weeks — Total	Total in class	Credits		
1.	**State Component**			704	212	106	18		88	398	128	12	306	84	9	21	
1.1	Module "Theoretical Economics"																UK-1
1.1.1.	Microeconomics Analysis and Policy		1	102	36	18			18	102	36	3				3	DPC-1
1.1.2	Macroeconomics Analysis and Policy	2		108	48	24			24				108	48	3	3	DPC-2
1.2	Module "Theory and Technology of Finance, Tax and Credit"																
1.2.1	Modern Concepts of Finance and Credit		1	100	42	18			24	100	42	3				3	UK-1, DPC-3
1.2.2	Monetary and Credit Methods of Regulation of Innovative Economy	2		108	36	18	18		·				108	36	3	3	UK-2, DPC-4
1.3	Module "Management in Education"																UK-2, 3, DPC-5
1.3.1	Innovation Processes in Financial Education	1		106	50	28			22	106	50	3				3	
1.4	Module "Academic Research"																UK-2, 4,5
1.4.1	Research Seminar		1	90						90		3				3	
1.4.2	Coursework			90									90		3	3	
2.	**Higher Education Institution Component**			868	314	156			158	588	210	18	280	104	9	27	
2.1	Module "Financial Analytics and Economy"																
2.1.1	Forecasting of National Economy	2		100	36	18			18				100	36	3	3	SC-1
2.1.2	Financial Analysis		1	100	36	18			18	100	36	3				3	SC-2
2.1.3	Financial Management	1		100	36	18			18	100	36	3				3	SC-3,4
2.2	Module "Digital Economy and Business"																
2.2.1	Foreign Investments	2		90	34	16			18				90	34	3	3	SC-5
2.2.2	Digital Economy	1		198	66	34			32	198	66	6				6	SC-6
2.2.3	Marketing of Financial Services		1	100	36	18			18	100	36	3				3	SC-7
2.3	*Optional module "Mobile Applications in Finance"*																
2.3.1	Development of Financial Applications for Android		1	90	36	18			18	90	36	3				3	SC-8, 9
2.3.2	Internet of Things	2		90	34	16			18				90	34	3	3	SC-10
2.4	*Optional module "Applied methods of Finance"*																
2.4.1	Controlling		1	90	36	18			18	90	36	3				3	SC-11
2.4.2	Digital Marketing	2		90	34	16			18				90	34	3	3	SC-12
2.5	**Optional Subjects**			/90	/34	/20			/14	/90	/34	/3					
2.5.1	Creative Teaching Techniques in Higher School/ Pedagogics and psychology of Higher Education		/1	/90	/34	/20			/14	/90	/34	/3					UK-3
2.6	**Series of Disciplines for Candidate Exams and Additional Training**			/338	/218	/66	/24		/96	/32	/206	/138	/2	/132	/80	/7	/9	
2.6.1	Philosophy and Methodology of Science	/2		/124	/72	/40			/32	/62	/40		/62	/32	/3	/3	UK-4
2.6.2	Information Technologies: Basics		/1	/72	/50	/26	/24			/72	/50	/2				/2	UK-6
2.6.3	Foreign Language	/2		/124	/96				/96	/72	/48		/72	/48	/4	/4	UK-7
	Number of Hours			1572	526	262	18	158	88	986	338	30	586	188	18		
	Number of Hours per Week									20			19				
	Number of Courseworks			1									1				
	Number of Exams			5						3			2				
	Number of End-of-term tests			9						6			3				

IV. Internship

Internship Title	Semester	Weeks	Credits
Financial	2	4	6

V. Research

Semester	Weeks	Credits
2	4	6

VI. Final Certification

Master's Thesis

Competence Code	Competence Name	Module Code, Discipline Code
UK-1	To be able to predict the conditions for the implementation of professional activities and solve professional tasks in terms of uncertainty	1.1, 1.2.1
UK-2	To develop innovative receptivity and ability to innovate	1.2.2, 1.3, 1.4
UK-3	To apply psychological and pedagogical methods and information and communication technologies in education and management	1.3, 2.5.1
UK-4	To be able to apply scientific cognition methods in independent research activity, to generate and implement innovative ideas	1.4, 2.6.1
UK-5	To provide communication, demonstrate leadership skills, be capable of team building and the development of strategic goals and objectives	1.4
UK-6	To have skills of contemporary information technologies for solving scientific research and innovative tasks	2.6.2
UK-7	To use a foreign language for communication in interdisciplinary and scientific environment, in various formats of international cooperation, scientific research and innovative activity	2.6.3
DPC-1	To be able to analyze economic entities behavior in different types of market structures, to be able to research and develop the market strategy of the organization, to evaluate the consequences of the state microeconomic policy	1.1.1
DPC-2	To be able to analyze the features of macroeconomic policy under different initial conditions of the economy, to be able to develop measures of macroeconomic policy	1.1.2
DPC-3	To know the basic concepts of the development of finance and credit, understand the principles of interaction between various sectors of the financial market, its institutions and the economy, analyze the development of financial institutions and the market	1.2.1
DPC-4	To develop innovative solutions for financial and economic problems based on the use of methods and tools of monetary regulation	1.2.2
DPC-5	To know the essence of innovative changes and technology of pedagogical innovations, to be able to develop passports and projects of pedagogical innovations, to own methods of their implementation, to evaluate the effectiveness of innovative activities	1.3
SC-1	To be able to identify the main patterns and trends of the national economy, apply forecasting methods, use computer software to build models for forecasting the development of the national economy	2.1.1
SC-2	To be able to employ mathematical methods related to financial concepts in a variety of financial applications	2.1.2
SC-3	To be able to analyze financial data, build financail models and calculate market value of companies	2.1.3
SC-4	To be able to develop the organization's strategy, implement projects and activities aimed at its implementation	2.1.3
SC-5	To know the methods of calculation of cash flows to determine the integral indicators of efficiency of investment projects, techniques, and principles of formation of the investment portfolio	2.2.1
SC-6	To be able to find and evaluate new market opportunities, form and evaluate business ideas, create a new business in digital sphere	2.2.2
SC-7	To know the basic methods and tools of marketing analysis in the financial environment	2.2.3
SC-8	To know the basic approaches to design and implementation of financial software for mobile devices	2.3.1
SC-9	To be able to use mobile and server databases in financial application, to work with remote financial services and to use modern data processing technologies	2.3.1
SC-10	To know the current state and future development of "Internet of Things", to be able to use IoT devices in financial systems, to be able to use cloud services for data processing	2.3.2
SC-11	To be able to integrate and coordinate activities in the field of management accounting, planning, monitoring in order to improve the efficiency of the organization; analyze and draw up financial and management reporting of the organization	2.4.1
SC-12	To be able to put into practice the basic methods and tools of marketing analysis in the digital environment	2.4.2

Developed on the basis of the Model Curriculum for the specialty 7-06-0411-02 "Finance, Taxation and Credits", approved on 15.11.2022, registration № 7-06-04-002/пр.

Vice-Rector
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11.04.2023

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11.04.2023

Recommended for approval by the

Scientific and Methodological Council of
Belarusian State University

Record dated 15.02.2023 № 5 .