Контрольный экземпляр 105

BELARUSIAN STATE UNIVERSITY

CURRICULUM

Speciality: 7-06-0311-01 Economics

Profiling: Green Economy and Sustainable Development of an Organization

Degree: Master

Period of study: 1 year

Rector
__________ Andrei D.Karol
11.04.2025

Registration number №18а-5.10-105/уч.

I. Schedule of the educational process

YEARS	September					October				November				December					January				February				March					April				May				June					July				August			
	1–7	8–14	15–21	22–28	29.09–05.10	6–12	13–19	20–26	27.10–02.11	3–9	10–16	17–23	24–30	1–7	8–14	15–21	22–28	29.12–04.01	5–11	12–18	19–25	26.01–01.02	2–8	9–15	16–22	23.02–01.03	2–8	9–15	16–22	23–29	30.03–05.04	6–12	13–19	20–26	27.04–03.05	4–10	11–17	18–24	25–31	1–7	8–14	15–21	22–28	29.06–05.07	6–12	13–19	20–26	27.07–02.08	3–9	10–16	17–23	24–31
I																		:	:	:	=	=	x	x	x	x											:	:	/	/	/	/	//									

II. Summary (in weeks)

Academic Studies	Exams	Internship	Research	Master`s Thesis	Vacation	Total
27	5	4	4	1	2	43
27	5	4	4	1	2	43

Legend:

☐ – Academic Studies	: – Exams
X – Internship	/ – Research
// – Master`s Thesis	= – Vacation

III. Curriculum

N	The name of the module, academic discipline, course project (course work)	Exams	End-of-term test	Academic hours: Total	Total in class	As follows: Lectures	Laboratory work	Workshops	Seminar classes	Semesters, I year, 1 semester, 17 weeks: Total	Total in class	Credits	2 semester, 10 weeks: Total	Total in class	Credits	Total Credits	Competence Code
1.	**State Component**	2	4	**700**	**212**	**104**	**24**	**36**	**48**	**394**	**128**	**12**	**306**	**84**	**9**	**21**	
1.1	**Module "Theoretical Economics"**																UC-6
1.1.1.	Microeconomic Analysis and Policy	1		102	50	26			24	102	50	3				3	DPC-1
1.1.2	Macroeconomic Analysis and Policy	2		108	48	24			24				108	48	3	3	DPC-2
1.1.3	Forecasting of National Economy		2	108	36	18		18					108	36	3	3	DPC-3
1.2	**Innovative Development of an Organization**		1	102	36	18		18		102	36	3				3	UC-4,5, DPC-4
1.3	**Module "Academic Research"**																UC-1,4,5
1.3.1	Research Seminar		1	90						90		3				3	
1.3.2	Coursework			90									90		3	3	
1.4.	**Data Mining Technologies**		1	100	42	18	24			100	42	3				3	DPC-5
2.	**Higher Education Institution Component**			**858**	**318**	**160**		**158**		**588**	**216**	**18**	**270**	**102**	**9**	**27**	
2.1	**Module "Management of an Organization"**																
2.1.1	Project Management		1	100	36	20		16		100	36	3				3	SC-1
2.1.2	Strategic Management	1		100	36	20		16		100	36	3				3	SC-2
2.1.3	Corporate Social Responsibility		2	90	34	16		18					90	34	3	3	SC-3
2.2	**Module "Environmental Engineering"**																
2.2.1	Green Economy and Green Marketing	1		108	36	18		18		108	36	3				3	UC-1, SC-4
2.2.2	Ecological Basis of Spatial Planning	1		90	36	18		18		90	36	3				3	UC-1, SC-5
2.3	**Module "Green Economy Management"**																
2.3.1	Carbon Neutrality and Environmental Sustainability		1	100	36	18		18		100	36	3				3	UC-5, SC-6
2.3.2	Environmental Impact Assessment	2		90	34	16		18					90	34	3	3	UC-6, SC-7
2.4	**Optional Module (1 from 2)**																
2.4.1	***Optional Module "Sustainable Development and Environmental Management"***																
2.4.1.1	Environmental Risk Management		1	90	36	18		18		90	36	3				3	SC-8
2.4.1.2	International Cooperation and Environmental Protection		2	90	34	16		18					90	34	3	3	SC-9
2.4.2	***Optional module "Information Technologies in Ecology"***																
2.4.2.1	Environmental Data Processing Methods		1	90	36	18		18		90	36	3				3	UC-2, SC-10
2.4.2.2	Web-design and Visualization of Environmental Information		2	90	34	16		18		90		3	90	34	3	3	UC-2, SC-11
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					UC-7
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	UC-1
2.6.2	Information Technologies: Basics		/1	/72	/50	/26	/24			/72	/50	/2				/2	UC-2
2.6.3	Foreign Language	/2		/142	/96			/96		/72	/48		/70	/48	/4	/4	UC-3
Number of Hours				**1558**	**530**	**264**	**24**	**194**	**48**	**982**	**344**	**30**	**576**	**186**	**18**	**48**	
Number of Hours per Week										20			19				
Number of Courseworks				1									1				
Number of Exams				6						4			2				
Number of End-of-term tests				9						6			3				

IV. Internship				V. Research			VI. Final Certification
Internship Title	Semester	Weeks	Credits	Semester	Weeks	Credits	Master's Thesis
Managerial	2	4	6	2	4	6	

VI. Competence Matrix

Competence Code	Competence Name	Module Code, Discipline Code
UC-1	To be able to apply scientific cognition methods in research activity, to generate and implement innovative ideas	1.3, 2.6.1, 2.2.1, 2.2.2
UC-2	To solve research and innovation tasks based on the use of information and communication technologies	2.6.2, 2.4.2.1, 2.4.2.2
UC-3	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
UC-4	To provide communication, demonstrate leadership skills, be capable of team building and development of strategic goals and objectives	1.2, 1.3
UC-5	To develop innovative receptivity and ability to innovate	1.2, 1.3, 2.3.1
UC-6	To be able to predict the conditions of professional activities' implementation and solve professional problems in uncertainty	1.1, 2.3.2
UC-7	To apply psychological and pedagogical methods and information-communication technologies in education and management	2.5.1
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 identify the main patterns and trends of the national economy development, apply forecasting methods, use computer software to build forecasting models for the development of the national economy	1.1.3
DPC-4	To develop and implement innovative and venture projects, form and develop the competitive advantages of the organization based on innovative solutions, develop new market segments of innovative products and services	1.2
DPC-5	To perform data analysis to solve economic, managerial, research problems	1.4
SC-1	To be able to implement projects and use project management methods in research and to manage important and large-scale tasks that have a specific goal, deadlines and limited resources	2.1.1
SC-2	To be able to navigate the external environment, collect information about the external environment and analyse it, monitor market conditions, develop the organization's strategy	2.1.2
SC-3	To be able to take into account aspects of corporate social responsibility in organizational strategy development and implementation	2.1.3
SC-4	To analyze economic phenomena and processes from the standpoint of ensuring	2.2.1
SC-5	To solve problems and put into practice methods of territorial planning to ensure the sustainable functioning of the living environment of the population, taking into account regional and local characteristics of the natural environment	2.2.2
SC-6	To analyze the factors and risks of ecosystem sustainability at the current level of economic development and in the future, to assess the effectiveness of achieving carbon neutrality of the economy at the global, regional, local level	2.3.1
SC-7	To estimate possible environmental impacts and changes during development of project documentation, apply environmental norms and rules in practice	2.3.2
SC-8	To analyze practic aspects of environmental risks, use environmental risk management methods in organizing the activities of business entities	2.4.1.1
SC-9	To analyze aspects of sustainable development, identify causes and assess environmental changes at the global, regional and local levels, carry out international cooperation in the scientific development and practical implementation of sustainable development and environmental protection projects	2.4.1.2
SC-10	To perform mathematical processing, statistical and spatial analysis of environmental data, summarize and systematize research results using modern computer technology	2.4.2.1
SC-11	To analyze environmental data used to create images, apply visualization and web-design techniques, and create geo-images in a modern design style	2.4.2.2

Developed on the basis of the Model Curriculum for the specialty 7-06-0311-01 "Economics", approved on 02.12.2022, registration № 7-06-03-002/пр.

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Recommended for approval by the
Scientific and Methodological Council of
Belarusian State University
Record dated 15.02.2023 № 5.

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