APPROVED BY
Rector
A.A. Kuzniatsou
«06» 11 2020
Registration № 9-ug-20/ye.ua

Educational Institution
"Vitebsk State Technological University"

Specialty: 1-25 80 01 Economics
Profiling: Analytical Economics and Economic Policy
Form of education: **full-time**
(Course Language: English)

Academic degree: Master
Course duration: **1year**

I. Education Schedule

COURSES	September					October					November					December					January					February					March					April					May					June					July					August				
	1	7	14	21	28/09	5	12	19	26/10	2	9	16	23	30/11	7	14	21	28/12	4	11	18	25	1	8	15	22	1	8	15	22	29/03	5	12	19	26/04	3	10	17	24	31/05	7	14	21	28/06	5	12	1	26/07	2	9	16	23	Theoretical Training	Examination Periods	Practical Training	Master's Thesis	End-of-course Assessment	Vacations	Total
	6	13	20	27	04/10	11	18	25	01/11	8	15	22	29	06/12	13	20	27	03/01	10	17	24	31	7	14	21	28	7	14	21	28	04/04	11	18	25	02/05	9	16	23	30	06/06	13	20	27	04/07	11	18	25	01/08	8	15	22	31							
I																		18	:	:	:	=	=							7	:	:	X	X	X	X	/	/	/	/	/	//									25	5	4	6	1	2	43
																																																									25	5	4	6	1	2	43

II. Summary data on time budget (in weeks)

Legend:
[ ] — Theoretical training
[X] — Practical training
[//] — End-of-course assessment
[:] — Examination period
[/] — Master's thesis
[=] — Vacations

III. Education Plan

№ п/п	Name of module, academic disciplines, course project (course paper)	Examinations	Pass/Fail (Credit) tests	Number of academic hours						Distribution by years and semesters						Total Credits	Competency Code
										1st Year							
										1st semester, 18 weeks			2nd semester, 7 weeks				
				Total	Classrooms	Lectures	Laboratory Classes	Practical Classes	Seminars	Total hours	In-class hours	Credits	Total hours	In-class hours	Credits		
1	**State Component**			**700**	**212**	**104**	**24**	**36**	**48**	**490**	**128**	**15**	**210**	**84**	**6**	**21**	
1.1.	***Module «Theoretical Economics»***																
1.1.1	Microeconomic Analysis and Policy	1		102	50	26			24	102	50	3				3	UC-4, APC-1
1.1.2	Macroeconomic Analysis and Policy	2		108	48	24			24				108	48	3	3	UC-4, APC-2
1.2	***Module «National Economy»***																UC -2,4 APC -3
1.2.1	Forecasting of National Economy		1	108	36	18		18		108	36	3				3	
1.3	***Module «Innovation Economics»***																UC -1,3 APC -4
1.3.1	Innovative Development of an Organization		2	102	36	18		18					102	36	3	3	
1.4	***Module «Academic Research»***																UC -1,2
1.4.1.	Research Seminar		1	90						90		3				3	
1.4.2	Coursework			90						90		3				3	
1.5	***Module «Information Technologies in Economics»***																APC -5
1.5.1	Data Mining Technologies		1	100	42	18	24			100	42	3				3	
2	**Higher Education Institution Component**			**924**	**328**	**150**	**20**	**40**	**118**	**402**	**148**	**11**	**522**	**180**	**14**	**25**	
2.1	***Module « Economic analysis methods »***																
2.1.1	International Financial Reporting Standards		1	102	44	22			22	102	44	3				3	SC -1
2.1.2	Financial analysis	1		198	62	24			38	198	62	5				5	SC -2, UC -3
2.1.3	Quantitative methods of business analysis	2		198	60	30	20	10					198	60	5	5	SC -3, UC -2
2.2	***Module «State's Economic Development»***																
2.2.1	State Economic Regulation		2	108	36	18			18				108	36	3	3	SC -4, UC -1
2.3	**Optional Modules**																
2.3.1	***Module 1 «Business Management»***																
2.3.1.1	Public-private Partnership		1	102	42	20			22	102	42	3				3	SC -5
2.3.1.2	Corporate Social Responsibility		2	108	36	18			18				108	36	3	3	SC -6
2.3.1.3	Business models and models of strategic management	2		108	48	18		30					108	48	3	3	SC -7
2.3.2	***Модуль 2 «Economic policies»***																
2.3.2.1	Clusters in the economy		1	102	42	16			26	102	42	3				3	SC -8
2.3.2.2	Labor economics		2	108	36	18			18				108	36	3	3	SC -9
2.3.2.3	Investment and innovation management	2		108	48	18	10		20				108	48	3	3	SC -10

3	**Optional Disciplines**			/108	/56	/20			/36	/108	/56	/3					
3.1	Pedagogy and psychology of higher education		/1	/108	/56	/20			/36	/108	/56	/3					UC -5
4	**Series of Disciplines for Candidate Exams and Additional Training**			**/568**	**/316**	**/96**	**/36**	**/140**	**/44**	**/388**	**/194**	**/6**	**/230**	**/122**	**/9**		
4.1	Philosophy and Methodology of Science	/2		/240	/104	/60			/44	/120	/52		/120	/52	/6		UC -6
4.2	Foreign language [1]	/2		/220	/140			/140		/110	/70	/3	/110	/70	/3		UC -7
4.3	Information Technologies: Basics[1]		/1	/108	/72	/36	/36			/108	/72	/3					UC -8
Number of academic hours				**1624**	**540**	**254**	**44**	**76**	**166**	**994**	**336**	**26**	**630**	**204**	**20**	**60**	
Number of academic hours in a week										**20**			**20**				
Number of examinations				**1**									**1**				
Number of pass/fail (credit) tests				**5**						**3**			**2**				
Number of academic hours				**8**						**5**			**3**				

IV. Practical Training				**V. Master's Thesis**			**VI. End-of-course assessment**
Name of practical training	Semester	Weeks	Amount of Credits	Semester	Weeks	Amount of Credits	Defense of Master's Thesis
Research	2	4	6	2	6	8	

VII. Competency Framework

Competency Code	Name of Competency	Module Code
UC-1	To be able to apply scientific cognition methods (analysis, comparison, systematization, abstraction, modeling, data authenticity checking, decision-making etc.) in independent research activity, to generate and implement innovative ideas	1.3, 1.4, 2.2
UC-2	To study independently new methods of economic design, research, production organization	1.2, 1.4, 2.1.3
UC-3	Show initiative, including in situations of risk, resolve problem situations based on an innovative approach	1.3, 2.1.2, 2.3. 2.2, 2.3.2.3
UC-4	To use fundamental economic knowledge in professional activity	1.1.1, 1.1.2, 1.2
UC-5	To be able to carry out pedagogical activities in educational institutions, to develop and implement effective educational and information and communication technologies, pedagogical innovations	3.1
UC-6	To have a command of scientific cognition methodology, to be able to analyze and evaluate the content and level of philosophic and methodological issues in process of solving tasks of scientific research and innovative activity.	4.1
UC-7	To use a foreign language for communication in interdisciplinary and scientific environment, in various formats of international cooperation, scientific research and innovative activity	
UC-8	To have drills of contemporary information technologies for solving scientific research and innovative tasks.	
APC-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
APC-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
APC -3	To be able to identify the main patterns and trends in the development of the national economy, apply forecasting methods, use computer software to build forecasting models for the development of the national economy	1.2
APC -4	To be able to develop and implement innovative and venture projects, to form and develop the competitive advantages of an organization based on innovative solutions, to develop new market segments of innovative products and services	1.3
APC -5	To be able to carry out data analysis for solving economic, managerial, scientific research problems	1.5
SC-1	To be able to use financial reporting information compiled in the format of international standards to conduct scientific research in the field of analysis of the financial condition of economic entities	2.1.1
SC-2	To be able to carry out financial analysis and interpret its results, use financial analysis tools in practical and research activities	2.1.2
SC-3	To be able to form, process and analyze databases to solve practical business problems in conditions of uncertainty	2.1.3
SC-4	To be able to analyze the development of the national economy and its individual sectors, to justify measures of state economic policy	2.2
SC-5	To be able to identify the subjects of public-private partnership and analyze the effectiveness of their interaction	2.3.2.1
SC-6	To be able to analyze the features of labor relations and the specificities of the formation of human potential in the economic system and choose effective methods of labor resources management	2.3.2.2
SC-7	To be able to analyze and create innovative economic mechanisms and incentives to achieve the desired goals in the context of rational behavior of business entities	2.3.2.3
SC-8	To be able to identify and structure clusters, analyze network interactions and collaboration of cluster subjects	2.3.1.1
SC-9	To be able to substantiate metrics and market assessment methods	2.3.1.2
SC-10	To be able to plan the process of investment activities and manage innovative projects	2.3.1.3

1 General educational disciplines "Philosophy and Methodology of Science", "Foreign Language", "Basics of Information Technology" are optional. The course of "Philosophy and Methodology of Science", and "Foreign Language" is accomplished by passing the corresponding candidate exam, the course "Basics of Information Technologies" is accomplished by passing the end-of-course candidate test.

The Curriculum Sheet is composed on the basis of Standard Curriculum, approved on 21.03.2019 (registration № Е 25-2-001/пр-тип)

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Recommended for Approval by the Scientific and Methodological Council of Educational Institution "Vitebsk State Technological University" (Minutes № 2 dated 06.11.2020).

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