

State Institution of Higher Professional Education BELARUSIAN-RUSSIAN UNIVERSITY

CURRICULUM

Degree Master of Science in Engineering

Duration of studies - 1 year

HIGHER EDUCATION SECOND STAGE (MASTER'S STUDIES)

1-40 80 02 System Analysis, Information Control and Processing (by industries)

				_		I. /	Academic C	Cal	endar							II. Summa (by weeks		a on t	ime k	udge	:t
7 142128	October 19 6 13 20 2 19 12 19 26 15 0 0 1 1 1 10 10 10 10 10 10 10 10 10 10	9 16 23 30 2	1 8 15 22 2 1 7 14 21 28	12 11 18 25 14	01	16 <u>23</u> 02	8 15 22 29	03	12 19 26 0 0	4		142128	<u>29</u> 61 06	11y 3 20 <u>27</u> 07 9 26 02 08	August 3 1 17 24 9 23 31 31 1 6 6 6	Theoretical studies and research work	Examination period	Practical training	Final assessment	Holidays	Total
	1	8		: : =	=				13	: X X	11	111	1			31	3	2	6	2	44
Key:		Theoretical st research wor				xamir eriod	nation	X	- Prac trai		=	- Holiday	rs [10	inal essment						

III. Academic Plan

	2	Distribution by						Amount of work (in hours)													
		_	semesters					Amoun	t of wo	rk (in l	iours)		Distribution by semesters								
		s								Inclu	iding		Term	1 - 18 w	eeks	Term 2 - 13 v		veeks			
No	Description of activities performed by a master student, groups of courses, courses		Graded examination. Pass/fail examinations Graduation papers		ew papers	Total cr	Total	Contact classes	Lectures	Laboratory classes	Practical classes	Independent study	Contact hours	Independent study	Credits	Contact hours	Independent study	Credits			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
1	Courses for Ph.D. Examinations					20	768	322	90	36	196	446	15	288	14	4	158	6			
1.1	Philosophy and Methodology of Sciences	1			1	6	240	108	54		54	132	303	132	6						
1.2	Foreign Language	2	1		2	11	420	142			142	278	005	120	5	004	158	6			
1.3	Fundamentals of Information Technologies		1	1		3	108	72	36	36		36	220	36	3						

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2	Speciality Disciplines					11	408	184	124	18	42	224	2	72	3	11	152	8
2.1	Government component					5	192	92	46	18	28	100	2	72	3	4	28	2
2.1.1	Pedagogy and Psychology in Higher School		2			2	84	56	28	1	28	28		1.0	E.,	202	28	2
2.1.2	Fundamentals of Optimum Systems Theory		1			3	108	36	18	18		72	110	72	3	To the state		
2.2	Component of higher education institution					6	216	92	78		14	124		1		7	124	6
2.2.1	Simulation Modeling in ERP Management Systems	2			1	4	144	64	64			80				500	80	4
2.2.2	Regional Innovation Policy		2			2	72	28	14		14	44				101	44	2
3	Research Work *					17	680				S	680		400	10		280	7
4	Practical Training		2			3	108					108					108	3
5	Final Assessment					9	324					324					324	9
1	Number of hours for academic studies					60	2288	506	214	54	238	1782	17	760	27	15	1022	33
	Number of Ph.D. examinations (graded)	2				_							1			1		
	Number of examinations (graded)	1						n								1		
	Number of Ph.D. pass/fail exams	1	1		1			10					1					
	Number of pass/fail exams		5										1			4		
	Number of graduation papers			1									1					
	Number of review papers				2								1			1		

* Research work includes master's thesis preparation, participation in scientific conferences, seminars, etc.

Developed on the basis of Model Curriculum I.40-2-002/тип of July, 25, 2012.

Recommended for approval by the Council of the Belarusian-Russian University Minutes No. 9 of May, 20, 2016.

First Vice-Rector

M.E. Lustenkov 19.05.2016

Dean of Electrical Engineering Faculty

S.V. Bolotov

19.05.2016

19.05.20

Head of Automated Control Systems Department

S.K. Krutolevich

Vice-Rector for Research

V.M. Pashkevich

19.05.2

Head of Curriculum and Instruction Department

O.E. Pechkovskaya 19.05.2016

Head of Belarusian, Russian and Foreign Languages Department

5 Mune E.N. Melnikova

19.05.2016