

National technical University of Ukraine
"Kyiv Polytechnic Institute"
Faculty of Biomedical Engineering
Department of Biomedical Cybernetics

"APPROVE"

Department Chairman of BMC

_____Ye. Nastenko

« _____ » November_ 2015_

INDIVIDUALIZED EDUCATION MASTER PROGRAM

Area/major 8.05010101 «Information control systems and technologies»
Specialization Medical cybernetics and information technologies in telemedicine
student 5 course BS-51m group

Herasimova Dana Serhiivna

(surname, name, patronymic)

2015_ / 2016_ Academic year

№ s/n	Title of Module	Amount of ECTS credits (year)	Type of reporting		Note		
			Exam, Credit test, Mixed- marking- system test	ECTS Mark (grade points)	Individu al task		Signature of Research Advisor
Fall term							
1	Modern Control Theory in Information Systems	5 (150)	Exam				
2	Grid Systems and Cloud Computing Technology	5 (150)	Exam				
3	Specialized Labor Safety	1 (30)	Mixed- marking -system test				
Optional Subjects (Modules) that form competences with							
English for Specific Purposes							
4	(Advanced).1. English for Scientists 1.	1,5 (45)	X		Report		

№ s/n	Title of Module	Amount of ECTS credits (year)	Type of reporting		Note		
			Exam, Credit test, Mixed- marking- system test	ECTS Mark (grade points)	Individu al task		Signature of Research Advisor
Fundamentals of Scientific Research							
5	Fundamentals of Scientific Research	3 (90)	Mixed- marking -system test				
Professional and Practical training							
Biomedical Cybernetics							
6	Fundamentals of Synergetics. Models of Nonlinear Dynamics.	6,5 (195)	Exam		Settle ment and graphi c work		
Medical informational systems							
7	Neural networks	4 (120)	Credit test		Settle ment and graphi c work		
Medical Image Processing							
8	Medical Imaging	4 (120)	Mixed- marking -system test		Settle ment and graphi c work		
Spring term							
1	Intellectual Property	1 (30)	Credit test				
2	Civil Defence	1 (30)	Mixed- marking -system test				
3	Factors of Successful Professional Employment	1 (30)	Credit test				
4	Decision Support Methods and Systems	5 (150)	Exam		Settle ment		

№ s/n	Title of Module	Amount of ECTS credits (year)	Type of reporting		Note		
			Exam, Credit test, Mixed- marking- system test	ECTS Mark (grade points)	Individu al task		Signature of Research Advisor
					and graphi c work		
5	Research on master thesis	4,5 (135)	Mixed- marking -system test				
Optional Subjects (Modules) that form competences with							
English for Specific Purposes							
6	(Advanced).1. English for Scientists 1.	1,5 (45)	Credit test				
Innovation Management, Management of Start- up processes							
7	Innovation Management	3 (90)	Credit test				
Professional and Practical activity							
Biomedical Cybernetics							
8	Advanced Systems Modelling and Simulation	4,5 (135)	Exam				
9	Coursework	1 (30)	Mixed- marking -system test				
Medical informational systems							
10	Fundamentals of Telemedicine and Robotics	3,5 (105)	Mixed- marking -system test				
Medical Image Processing							
11	Medical Images	5,5 (165)	Exam		Settle ment and graphi c work		

Student _____
(signature)
« _____ » _____ **2015__year**

Research advisor
K.Kh. Zelenskyi

(signature) (initials,surname)
« _____ » _____ **2015__year**