

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

"APPROVE"

Department Chairman of BMC

_____Ye. Nastenکو

«_02_» 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**

Furdyha Khrystyna

(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 | | |
| Fundamentals of Scientific Research | | | | | | | |
| 5 | Fundamentals of Scientific Research | 3 (90) | Mixed- marking -system | | | | |

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|---|--|--|--|-----------------------------------|---|--|--|
| | | | Exam, Credit test, Mixed- marking- system test | ECTS Mark (grade points) | Individu al task | | Signature of Research Advisor |
| 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 and graphi c work | | |
| 5 | Research on master thesis | 4,5 (135) | Mixed- marking -system test | | | | |
| Optional Subjects (Modules) that form competences with | | | | | | | |

| № 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 |
| 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)

«_27_» 10 2015__year

Research advisor

(signature) (initials,surname)

«_27_» 10 2015__year

