

# MASTER'S PROGRAM | NEURAL NETWORKS & NEURAL COMPUTERS

## 1ST SEMESTER

- Russian as a Foreign Language
- History, Philosophy and Methodology of Natural Science
- Basics of Theory of Probability and Statistics
- Neural Network Theory Basics
- Basics of Neuromathematic
- Professional Task Solutions Base on CUDA Toolbox



## 2ND SEMESTER

- Fundamentals of Intelligent Cyber Security Management
- Russian as a Foreign Language
- Intelligent Technology for Information Security
- Intelligent Learning Systems
- Neuromathematics
- Image Processing
- Computational Intelligence
- Neural Network Technology
- Professional Task Solutions Base on CUDA Toolbox

## 3RD SEMESTER

- Russian as a Foreign Language
- Neural Network Technology
- Neurocomputers
- Neural Network Based Intrusion Detection System
- Advanced Computational Intelligence
- Intelligent Technology for Information Security
- Fundamentals of Intelligent Cyber Security Management

## 4TH SEMESTER

- Personal Research Project
- Pre-graduation Practice

