



MASTER'S DEGREE

## Educational Program «INFORMATION TECHNOLOGIES AND BUSINESS ANALYTICS (DATA SCIENCE)»

### GOAL OF THE EDUCATIONAL PROGRAM

Training of master's degree students in system analysis, who are able to successfully perform complex business analysis in complicated systems based on the systematic Data Science methodology, mathematical methods and software using modern information technologies.

### EMPLOYMENT OPPORTUNITIES (POSITIONS)

- ✓ Data Scientist
- ✓ Data Architect
- ✓ Big Data Analyst
- ✓ Knowledge management specialist
- ✓ Architect of recommendation systems
- ✓ Professional in project and program management

### EMPLOYERS WHO ARE THE PARTNERS OF THE EDUCATIONAL PROGRAM, PARTICIPANTS IN SHAPING THE CONTENT OF EDUCATION AND PRACTICAL TRAINING

IT Association of Slovakia, LLC PROCOM («ПРОКОМ»), LLC BGS Solutions, LLC Ukrayins'ki komp'yuterni tekhnolohiyi («Українські комп'ютерні технології»), LLC Intelkt-Servis («Інтелект-Сервіс»), «IT Specialist» company, Ukrainian Association ODOO, LLC MMD Smart Ukrayina («ММД Смарт Україна»), «Center Research & Development» company, «Global Message Service» company.

### BASIC ACADEMIC DISCIPLINES (COURSES) OF THE EDUCATIONAL PROGRAM

English of Data Analytics, Big Data Analytics, Knowledge Management, Design of Recommendation Systems, Intelligent Systems, System Analysis of Complex Economic Systems under Uncertainty.

### COMPETITIVE ADVANTAGES

- Participation of data analytics practitioners in the educational process
- Existing joint Ukrainian-Slovak master's program «International Business Analytics» with the possibility of free master's studies at the Bratislava University of Economics and Management
- Educational process using the advanced material and technical base of the European level (specialized computer laboratory of the business analytics, SMART library, VR studio, coworking spaces)
- Permanent international academic mobility programs
- Opportunity to study in the English-language educational master's program «Information Technologies and Business Analytics (Data Science)»
- High level of salaries for IT specialists



Information  
about the  
university