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| Speciality code and name | <i>051 Economics</i> |
| Specialization | <i>Economic Cybernetics</i> |
| Qualification level | First (bachelor) |
| Professional competencies and skills | <p>The specialist is able to:</p> <p>develop and implement managerial decisions concerning the organization of analytic activities of enterprises and organizations using economic and mathematical methods of analysis, forecasting and modeling, computer technology and information technologies; develop software; develop and maintain Web-sites; create and process databases; collect, organize, accumulate source information in order to discharge office duties.</p> <p>Employment Opportunities:</p> <p>The specialist in the field of economic cybernetics can hold positions of managers in the management of IT projects, as well as work on the development of information systems, computer programs, creation and processing of databases; economists-analysts at enterprises and budgetary institutions, in insurance companies, in commercial banks and other financial institutions.</p> |
| Mode of studies | Full-time (admission requirements) |
| Duration of studies | 3 years and 10 months |
| Educational background requirements | General Certificate of Senior Secondary Education, Subject Standardized Test Certificates from the Ukrainian Center for Educational Quality Assessment in contest subjects are required according to the Admission Regulations of the National University of "Ostroh Academy". |
| Scope and structure of the degree program | <p>240 credits, including:</p> <p>compulsory subjects: 175 credits;</p> <ul style="list-style-type: none"> - cycle of general training – 31 credits; - cycle of professional training – 126 credits; - cycle of practical training – 18 credits; <p>selective subjects: 65 credits;</p> <ul style="list-style-type: none"> - cycle of general training – 17 credits; - cycle of professional training – 48 credits |
| List and content of compulsory academic disciplines: | |

cycle of general training: English language, History of Ukraine, Philosophy, Ukrainian language (on a professional basis), Foundations of Pedagogy and Psychology, History of Ukrainian Culture and Ostroh Academy;

cycle of professional training: English language (for professional purposes), Political Economy, Microeconomics, Macroeconomics, History of Economic Thoughts, Higher Mathematics, Probability Theory and Mathematical Statistics, Economic and Mathematical Modeling, Modern Information Technologies, Business Economics, Management, Marketing, Money and Credit, Finance, Accounting, Statistics, Economic Cybernetics, Research Operations, Modeling of the economy, Forecasting of social and economic processes, Decision Making Systems, Information Systems and Technologies in Management, Applied Models of Economic Process, Project Management Information, Mathematical Logic, Econometric Analysis, course paper.

List and content of selective academic disciplines:

cycle of general training: National Security of Ukraine, History of Musical and Fine Arts, Basics of Business Etiquette, Computer Networks, Technologies of Design and Administration of Databases and Data Warehouses;

cycle of professional training (Bloc 1): Basics of Programming, Big Data For Business, Web-Design and Web-Programming, Design and Development of Information Systems, Object-Oriented Programming, Artificial Intelligence, Models and Data Structures, Enterprise Management on the Platform 1C, Business Finance, Quality Management, Logistics, Fundamentals of Industry and Competitive Analysis, Risk Management, Financial Markets and Cryptocurrency market.

cycle of professional training (Bloc 2): Basics of Programming, Big Data For Business, Web-Design and Web-Programming, Content Marketing, Fundamentals of Digital Marketing, Marketing in Social Networks, Enterprise Development Project Management, Enterprise Management on the Platform 1C, Business Finance, Quality Management, Logistics, Fundamentals of Industry and Competitive Analysis, Risk Management, Financial Markets and Cryptocurrency market.

Work experience internship (educational practice) on the course "Modern Information Technologies".

Work experience internship (educational practice) on the course "Economics and Mathematical Modeling".

Work experience internship (production general).

Work experience internship (production for professional purposes).

Qualifying Complex Exam