

Speciality code and name	051 Economics
Specialization	Economic Cybernetics
Qualification level	First (bachelor)
Professional competencies and skills	<p>Bachelor of Economic Cybernetics is capable to perform professional tasks and hold the primary posts of an IT-expert and analyst economist at different enterprises, organizations and financial institutions.</p> <p>The specialist is able to: develop and implement managerial decisions concerning the organization of analytic activities of enterprises and organizations; develop software and maintain web-sites; create and process databases; collect, organize, accumulate source information in order to discharge office duties, using economic and mathematical methods of analysis, forecasting and modeling, computer equipment and information technology.</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: 157 credits;</p> <p>selective subjects: 75 credits;</p> <p>work experience internship: 4 credits;</p> <p>qualification paper: 4 credits.</p>
Compulsory subjects:	
<p>Economic Cybernetics, Operations Research, Economics Modeling, Forecasting of Socio-Economic Processes, Decision-Making Systems, Technologies for Database Design and Management, Information Systems and Technologies for Management, Informatization Project Management, Models of Economic Dynamics, Informational System Design and Development, Computer Networks, Applied Models for Economic Processes, Econometric Analysis, History of Ukraine, Ukrainian Culture and History of Ostroh Academy, Philosophy, Ukrainian Language (major-oriented), Foreign Language, Political Economy, Microeconomics, Macroeconomics, History of Economic Science, Higher Mathematics, Probability and Mathematical Statistics, Mathematical Modeling in Economics, Fundamentals of Computer Engineering and Informatics, Corporate Economics, Management, Marketing, Money and Credit, Finance, Accounting, Statistics, International Economics, Labor Economics and Social and Labor Relations.</p>	
Selective subjects:	
<p>Algorithmization and Programming, Regional Economics, Insurance, Information Security Systems, Safety of Intelligent Information Systems, Internet Technologies in Business, E-commerce, Web Design and Web Programming, Application Programming Tools, Psychology and Pedagogy Basics, History of Music and Fine Arts, Fundamentals of Business Etiquette, Science of Logic, Basics of Scientific Research, Riskology, Data Models and Structures, Finance Modeling and Management, Artificial Intelligence Methods and Systems, Programming Basics, Economic Activity Analysis, Investment, Corporate Finance, Business English, Discrete Mathematics.</p>	
Work experience internship	
Qualification paper	