



CATALOG OF ELECTIVE DISCIPLINES

For students in the direction of preparation 8D041 Business and administration

Brief description of the elective disciplines of the educational program

| EPG | EP | Form of education | The name of discipline | Code of subject | Discipline cycle | Component | Level of training | Course | Academic period | Pre-requisites | Post-requisites | Brief content of the discipline | Key learning outcomes | Name of the alternative discipline |
|------------------|--|----------------------------------|--|-----------------|------------------|-------------------|---|--------|-----------------|--|---|--|--|--|
| D070 - «Economy» | 8D04102 - «Agro-industrial complex Economics and Organizing» | Full-time (PhD 3 years) trimestr | Sustainable development of agriculture | URSH 7301 | AS | Elective subjects | Doctoral studies by specialization (scientific & pedagogical direction) | 1 | 2 | Ecological concepts and agriculture. Sustainable development, Ecology. | PhD student's research work, incl doctoral thesis | The purpose of teaching -to give a holistic view of the modern theory and practice of sustainable development of agriculture, the mastering of modern approaches by the doctoral students in the technical and economic justification of the decisions made, the development of the ability to analyze the situation, and to foresee the long-term consequences of the decisions made in agricultural sphere. The primary goal for the course is to familiarize students with critical components of agribusiness and the metrics to evaluate the sustainability of these activities. Students are assumed to have had no or little previous exposure to agriculture, agricultural economics or agriculture finance. A basic knowledge of Word, PowerPoint and Excel will be useful. | Demonstrate a deep understanding of global agricultural information sources such as production, yield and trade, as well as quantification of sustainability indicators and their transformation into financial and economic indicators. Demonstrate the ability to assess, determine and assess the sustainability of agribusiness; the ability to critically analyze and evaluate modern scientific achievements, generating new ideas in solving research and practical problems, including in interdisciplinary areas. The ability to adapt and summarize the results of modern economic research for the purpose of teaching economic disciplines in higher educational institutions. | Integration processes in the agricultural sector |
| D070 - «Economy» | 8D04102 - «Agro-industrial complex Economics and Organizing» | Full-time (PhD 3 years) trimestr | Integration processes in the agricultural sector | IPA 7301 | AS | Elective subjects | Doctoral studies by specialization (scientific & pedagogical direction) | 1 | 2 | Methodology of economic research, agribusiness, modern agricultural economy. | PhD student's research work, incl doctoral thesis | Theoretical and practical aspects of integration-integrated agro formation. Management in integrated agroThinking formations. Agroindustrial integration of foreign countries. The functioning of the cooperative, integrated organizations (holding company, financial and industrial group, association (union) of agricultural co-operatives). Systems of remuneration and material incentives. Analysis of economic activity integrated agrothinking units. Methods and techniques of economic analysis of the risk and the impact of external factors. Legal regulation of activity of cooperative and integrated units. | Demonstrate the ability to think, design, implement and adapt the essential research process with a scientific approach | Sustainable development of agriculture |

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| D070 - «Economy» 8D04102 - «Agro-industrial complex Economics and Organizing» | Full-time (PhD 3 years) trimester | Managerial Economics | UE 7302 | AS | Elective subjects | Doctoral studies by specialization (scientific & pedagogical direction) | 1 | 2 | Economic theory, macroeconomics, microeconomics, socio-economic statistics, enterprise economics, management | PhD student's research work, incl. doctoral thesis | The purpose of teaching the discipline is to master the learning methods of scientific thinking, improving the skills of writing scientific papers and the creative application of knowledge in the practice of managing various areas of economic activity based on a critical analysis. The development of this course develops the skills and abilities of doctoral students in the formation of knowledge, abilities, skills and competencies necessary to perform specific functions in using the fundamentals of economic theory for the practical solution of agricultural production problems. | demonstrate the ability to think, design, implement and adapt the essential research process with a scientific approach, the ability to critically analyze and evaluate modern scientific achievements, generating new ideas in solving research and practical problems, including in interdisciplinary areas; the development of practical skills of professional-pedagogical and educational work in higher educational institutions; | Methodology of scientific research |
| D070 - «Economy» 8D04102 - «Agro-industrial complex Economics and Organizing» | Full-time (PhD 3 years) trimester | Methodology of scientific research | MNI 7302 | AS | Elective subjects | Doctoral studies by specialization (scientific & pedagogical direction) | 1 | 2 | Economics of the production sector, economic analysis | PhD student's research work, incl. doctoral thesis | The research covers the range of issues associated with the development policy issues and research methods, planning of scientific experiments in the field of forestry and conduct research, statistical processing of field data and the use of different methods of analysis. | The ability to use the conceptual and methodological apparatus of economic sciences to solve non-standard tasks of various levels of complexity in the analysis of modern economic policies and economic processes at the national and international levels. The ability to explore the market conditions of educational services, to promote and promote educational services | Managerial Economics |
| D070 - «Economy» 8D04102 - «Agro-industrial complex Economics and Organizing» | Full-time (PhD 3 years) trimester | Statistics in the economy | SE 7303 | AS | Elective subjects | Doctoral studies by specialization (scientific & pedagogical direction) | 1 | 2 | General Theory of Statistics, Probability Theory, Accounting, Economic Theory, Microeconomics and Macroeconomics. | PhD student's research work, incl. doctoral thesis | Statistical studies for decision-making in the conditions of stochastics, analysis of market economy elements, information gathering, in connection with the increase in the number of economic units and their types, audit, financial management, forecasting. The use of specific techniques in economic research: methods of mass observations, groupings, generalizing indicators, time series, the index method and specific methods in accordance with the objectives of the study and the nature of the initial information. Statistical analysis of the method of mass observation, the scientific validity of the qualitative content of groups and its results, the calculation and analysis of generalized and generalized indicators of the objects under study. | Demonstrate a deep understanding of global agricultural information sources such as production, yield and trade, as well as quantification of sustainability indicators and their transformation into financial and economic indicators. Demonstrate the ability to assess, determine and assess the sustainability of agribusiness; the ability to critically analyze and evaluate modern scientific achievements, generating new ideas in solving research and practical problems, including in interdisciplinary areas. | Course of Applied Econometrics and optimization techniques |
| D070 - «Economy» 8D04102 - «Agro-industrial complex Economics and Organizing» | Full-time (PhD 3 years) trimester | Course of Applied Econometrics and optimization techniques | KPEMO 7303 | AS | Elective subjects | Doctoral studies by specialization (scientific & pedagogical direction) | 1 | 2 | Statistics in economics, macroeconomics, microeconomics, economic policy | PhD student's research work, incl. doctoral thesis | Analytical method of making and evaluating forecasts of financial and economic phenomena, development of optimal management decisions based on quantitative methods of analysis. Constructing and evaluating the reliability of regression models and trends, optimizing resource allocation, optimizing investment portfolios. Methods of modeling the process of choosing the optimal solution in conditions of risk and uncertainty. | Demonstrate the ability to think, design, implement and adapt the essential research process with a scientific approach | Statistics in the economy |