

Risk refers to the fundamental concepts of modern economic theory and management. At the present time economic processes are influenced by a number of uncontrollable factors, and take place in conditions of uncertainty, conflict, impossibility of accurate economic forecasts and assessments, which is necessary for economic decision-making. Innovation is associated with the risk as a full guarantee successful result of it is virtually nonexistent. In general terms, the risk in innovation can be defined as the probability of losses that arise in investments of funds in the production of new goods and services, the development of new techniques and technologies that may not find the expected market demand; as well as investing in the development of management innovations that will not bring the desired effect. Therefore, the study and consideration of these factors and risks generated by them, the ability to make appropriate management decisions are fundamental to the effective functioning of a competitive business.

*The subject of the course* is theoretical and methodical aspects of risk management of innovation, as well as the relationships that are formed in the process of governance.

*The aim of the course* is developing complex of knowledge and skills about principles, methods and tools for analysis, simulation and management of risk in innovation.

The program of discipline is conclude in accordance with the educational and professional programs of bachelor direction 6.030601 "Management" field of knowledge 0306 "Management and Administration" and includes the study of the three content modules:

*Module 1: Theoretical foundations and general provisions of the course:*

- 1.1. General conditions of the course. Determination of the categories.
- 1.2. Theoretical foundations of risk management in innovation.

*Module 2: Methods of innovation risks analysis and evaluation:*

- 2.3. Methodical bases of the analysis of risks of the enterprise.
- 2.4. Quantitative methods of analysis and risk assessment.
- 2.5. Expert risk assessment techniques.
- 2.6. The application of game theory to assess economic risks.
- 2.7. Simulation and risk analysis of innovation-investment projects.

*Module 3: Innovation risk management at the enterprises:*

- 2.8. Methods of reducing the risks of the enterprise.
- 2.9. Organization of the risk management system in the enterprise.

The structure and the content of the lecture course material of discipline are made taking into account the logical structure and the main provisions of international and other common risk management standards, in particular, ISO/IEC 31000: 2009, ISO/IEC 31010: 2009 and FERMA Risk Management Standard.