SUMMARY OF THE EDUCATIONAL DISCIPLINE
«PROJECT MANAGEMENT»

Cycle:research training.
Status: Normative discipline.
Academic year: 2019-2020, 1st semester.

The purpose of studying the discipline of formation of postgraduate students of the necessary amount of knowledge on the development, evaluation and implementation of scientific projects of various sectoral directions, preparing them for independent project analysis in accordance with the methods and approaches used in international practice at different levels of management of scientific projects.

According to the purpose, the **main objective** of the course is defined, which consists in teaching postgraduate students theoretical positions, acquaintance with the methodological support of organizational and economic mechanism of management of scientific projects of different sectoral orientation, formation of theoretical and practical basis for the evaluation of integrated scientific projects, and economic effects, determining the effectiveness of a scientific project in its various cycles.

As a result of studying the discipline the applicant should **know**:
- theoretical and methodological provisions of complex analysis and expertise of scientific projects in the main areas of project analysis;
- tools for assessing the effectiveness, risk and liquidity of scientific projects;
- modern organizational forms of financing scientific projects, its main stages and principles of effective interaction of participants and proper legal formulation;
- Strategies in research projects for financing and profit;
- tools for attracting investments, grants, etc. in the course of carrying out a scientific project;
- the main international scientific institutions for the financing of scientific research;

be able to:
- have a method for developing business plans and justify the feasibility of implementing a scientific project;
- apply the acquired knowledge in the preparation and submission of applications for national and international funding for the implementation of scientific projects of various sectoral directions;
- be able to convince the potential investor, sponsor of the results of complex project analysis;
- to evaluate the state, dynamics, effectiveness of use of potential effect from the implementation of the scientific project and carry out its correction;
- to develop and substantiate management decisions on ensuring the effectiveness of the scientific project among different participants.

Content of the course.
Topic 1. Theoretical basis of project management.
Topic 2. Identify the problem. Stakeholder analysis.
Topic 3.How to analyze a problem? How do you define goals?
Topic 4.What do you need to achieve the project goals?
Topic 5.An example of a grant application form for public participation.
Topic 6. Formation and development of the project team.