

**Annotation of the discipline**  
**"Practical aspects of preparation of scientific publications and methods of project preparation for international grants"**

**Abstract.** The discipline "Practical aspects of preparation of scientific publications and methods of project preparation for international grants" is one of the Institute's optional disciplines (OD). The subject of the discipline is a deep and creative study of one of the theoretical and / or practical issues of a research field; improvement, systematization of expertise, knowledge and skills on a particular issue; mastering the methods of a specific study for further presentation in open specialized media. The discipline provides for active search for grant opportunities in various information resources.

**Number of credits:** 3

**Lecturer:** Іщенко Олександр Олександрович доктор хімічних наук, професор кафедри супрамолекулярної хімії.

*Goal of discipline:*

Postgraduate student's ability to present the results of his/her own research in open specialized media and to search for possibilities of obtaining grants in various information resources.

**Preliminary requirements:**

*A postgraduate student must know:*

The goal of scientific publications.

The subject and object of scientific research.

Operation of scientific literature.

Information resources on possibilities of open Ukrainian and foreign grants.

*A postgraduate student must be able:*

To formulate the subject and goal of scientific research; to define its subject and object; to be able to work with literary sources and general principles of constructing the scientific publications; to conduct active search for grant opportunities in various information resources.

**Content modules:**

Topic justification, selection of object and definition of the research goal;

Selection and analysis of scientific literature on the chosen topic, development of hypothesis;

Preparation of the plan and structure of the research work, development of the program and research methods;

Creation of a card index, carrying out the research experiments in laboratories, search expeditions, etc.;

Creation of one's own experimental database;

Using the information of the international network INTERNET, etc.;

Conducting the research and generalizing its results and conclusions;

Registration of scientific research work;

Reviewing the work through media editors.

Searching for grants. Information resources.

**Language of study: English.**

**Discipline position in the structural and logical scheme of the educational process:** OD 02 is taught for 1st year postgraduate students.

Term of study: the discipline is intended for the 1st year post-graduate students of the educational and scientific level "Doctor of Philosophy" in the amount of 90 hours, including 8 hours of lectures and 72 hours of self-study work.

