**Annotation**

**Group research project**

**1. The objectives of the project activity** - the formation of the skills of research work

- Familiarity with the skills of performing field and laboratory research,

- analysis of the literature of Russian and foreign authors,

- writing a report on the research conducted (in the form of a course project).

**2. Place module project activities in the structure of the EP**

Project activities are performed in 1-2 semesters. Students choose tasks for performing R & D during the academic mobility week (1st week of October), defenses are made in the 2nd semester (1st week of April). The skills acquired during the execution of projects are necessary for the Big Practicum, the Industrial and the Undergraduate Practices.

**Input knowledge:**

Knowledge of the approaches to the implementation of the course project, obtained in the course of the project activities under bachelor degree.

**3. Method and form of project activities**

Conducted as a research team work.

**4. Competences of the student, formed as a result of the development of the project activity module:**

• readiness to lead the team in their professional activities, tolerantly perceiving social, ethnic, confessional and cultural differences (OPK-2).

• the ability to creatively use in scientific and industrial-technological activity knowledge of the fundamental and applied sections of disciplines (modules) that determine the direction (profile) of the Master's program (PC-1);

• ability to generate new ideas and methodical solutions (PC-4);

As a result of the research work (activity) the student should receive:

• Knowledge:

- familiarity with the methods of working with domestic and international literature (quoting, borrowing);

- familiarity with the methods of conducting observations and measurements, drawing up their descriptions;

- familiarity with the methods of conducting field and laboratory research;

- familiarity with the elementary methods of analyzing the results of scientific research;

- Familiarity with the technology of registration of research.

• Skills:

- work in a team;

- conduct a search of literature in search and library systems;

- to form the goal and objectives of research;

- conducting observations and measurements, compiling their descriptions;

- participate in field and laboratory studies;

- to analyze the results of scientific research;

- draw conclusions and conclusions

- arrange in accordance with regulatory documents research results.

• Practical Skills:

- work with literature;

- conducting research;

- analysis of research results;

- Presentation of materials on the results of the research.

**5. Structure and content of the project activity module**

The module of the project activity is the project activity of the student.

Course project 1 year of study (protection of the 2nd semester) is 3 credit units (108 hours, including 108 hours of IWS)

On the defense of the course project is evaluated:

1. Scientific report;

2. Report on R & D (presentation).

# 6. Requirements for the content of projects implemented by foreign students.

# Specific themes of the projects are approved at a meeting of the department selected by students for specialization and preparation of final qualifying work

# In the course of projects, foreign students cannot work with information constituting state, commercial secrets and other information of limited access.

# Also, they are not allowed to interact with objects and technologies included in the Lists (lists) of goods and technologies in respect of which export controls are carried out.