

Academic practice in Nature conservation

Аннотация:

Field practice on "Academic practice in Nature conservation" is aimed at consolidating and developing knowledge, skills, practical skills in the theoretical course of the same name. Knowledge about specially protected natural areas is essential for understanding the scale and patterns of the impact of human activity on natural complexes and objects. Practice in Nature Conservation and Reserve Management reinforces knowledge in this discipline and allows you to learn how to apply it in the field.

Цель:

Consolidation of the acquired knowledge in the course Nature Protection and conservation and the necessary skills for environmental research.

Задачи:

1. Consolidation of students basic knowledge on nature protection and its territorial forms -protected areas;
2. Introduction to the methods of studying objects of living and inanimate nature;
3. Study of the application of modern environmental methods and techniques.

Academic practice in Urboecology

Аннотация:

The Educational practice involves a wide range of excursions to study the basics of urban ecology: assessment of the environmental situation in the urban environment, design and planning of the urban environment, obtaining practical skills of an ecologist with elements of engineering work and the ability to plan and implement professional activities.

Цель:

Formation of skills for planning, organizing and conducting field and laboratory work, measures for managing and optimizing environmental management in an urban environment, acquisition of practical mapping skills in the field of urban ecology, conducting excursions to economic objects that ensure the functioning of the urban environment

Задачи:

1. To develop skills in collecting and analyzing stock and literary materials in the field of urban ecology;
2. To form ideas about the modern system of exploitation of natural resources in the urban environment;
3. To form ideas about the modern system of environmental protection in urbanized areas;
4. Master key diagnostic methods for monitoring the state of the environment in the city;
5. To study the main methods of rationing and assessing the state of the environment in urbanized areas.

Group project work

Аннотация:

Group project work is a way to achieve a didactic goal by developing an environmental problem in detail, which should result in a clearly defined practical result, formalized in one way or another. This gives students the opportunity to actively express themselves in the system of social relations, contributes to the formation of a new social position in them, allows them to acquire the skills of planning and organizing their activities, to reveal and realize creative abilities, to develop the personality of the individual.

Цель:

Acquisition the skills of working in a team, mastering the methods of laboratory and field research in the development of an environmental project/

Задачи:

1. To teach how to develop environmental projects
2. To develop communication and teamwork skills;
3. To develop skills in collecting and analyzing stock and literary materials;
4. To master the methods of laboratory research;
5. To master the methods of field research.

Professional internship aimed at acquiring professional skills and experience in the vocational sphere

Аннотация:

Industrial practice occupies a key place in the structure of the educational program. In production practice, students are given the opportunity to practically use the knowledge already gained during lecture and practical classes in classrooms. In addition, the practice provides for continued training in the field. Students in industrial practice learn to perform the functions of environmental engineer in design, survey, research, production, marketing, consulting, economic, legal, expert departments, firms, companies.

Цель:

Consolidation of students knowledge gained in the course of training; formation of their skills and development of skills for work in the field of nature management, nature protection and ecology.

Задачи:

1. Get to know the company (organization) as an object of production activity;
2. To develop knowledge gained in the course of theoretical training in the previous period of training;
3. To gain experience in research and practical work in organizations;
4. To acquire the capacity and development of skills for working in the conditions of the enterprise (organization);
5. To collect and synthesize of the necessary data for course projects and materials for the implementation of the student's research work and preparation of the final qualification work at the final stage of training.

Research work

Аннотация:

Research work allows you to learn how to analyze, interpret, generalize the received scientific data, present them in the form of a report, review, scientific work. Develops the ability to apply experimental and field methods of scientific research in professional activities. Teaches to set, plan and solve research problems on a fixed topic.

Цель:

Providing high-quality training for competitive, highly qualified bachelors who are ready for research and professional activities and have professional competencies in the field of ecology and nature management.

Задачи:

1. Determine the area of scientific research and analyze the state of the issue in the subject area under study.
2. Develop research methodology.
3. Conduct experimental research, processing and analysis of the obtained data using modern information technologies.
4. To develop the ability to critically analyze the results of their own research and literature data, readiness for professional self-improvement and development of creative potential, professional skills and professional ethics.

Undergraduate practice

Аннотация:

Undergraduate practice is aimed at mastering the practical skills of implementing environmental knowledge in solving professional applied and research problems in the field of ecology and nature management. The discipline forms the readiness for self-development, self-realization, the use of creative abilities, the ability to creatively use fundamental knowledge in scientific and industrial and technological activities, the ability for active social mobility, the ability to actively communicate in scientific, industrial and social activities.

Цель:

Consolidation of theoretical knowledge gained in the course of studying at the university, development of skills and skills of applying them in practice, information and analytical preparation for writing the final qualification work

Задачи:

- 1) To deepen the acquaintance with the structure and content of the organization's activities in order to consolidate the knowledge gained in the disciplines of the specialty;
- 2) To systemat consolidation and expansion of practical skills;
- 3) To develop the ability to work independently in solving the problems set in the final work;
- 4) To collect necessary materials and documents for the implementation of the final work;
- 5) To study of literature on the topic of the final work, improving the ability to work with literature and documentation;
- 6) To develop methods for analyzing environmental information and finding solutions to the tasks set in the final work.