

Agriculture

Peter the Great St. Petersburg Polytechnic University

Degree or qualification is awarded: **Research teaching fellow**

Language of study: **Russian**

Mode of study: **full-time, extramural**

Duration: **3 years**

Availability of free education: **yes**

Price: **250 800-262 200 rubles**

Programme webpage at the university website:

<http://www.spbstu.ru/education/management-structure/postgraduate/areas-training-list/>

Programme curator:

Tel.: **+7(812) 606-62-41**

E-mail: interadmission@spbstu.ru

Land improvement, restoration and protection of land "- the natural sciences and engineering sector, which are the objects of study of land of different categories. Research in this area are aimed at solving the tasks on improvement (reclamation), recovery (reclamation), land protection and the fight against the elements of nature -. Floods, flooding the land, their erosion, erosion, landslides, mudflows, dry winds, etc., and to prevent the negative impacts of man-made, including - various types of pollution, in order to ensure efficient use of land resources as a means of production in the agribusiness and other sectors of the economy and increasing consumer cost of land as the objects of real estate. Research Objectives - improvement of methods, techniques and technologies to improve the quality and reliability of the design, construction and operation of engineering and reclamation engineering and environmental systems, study new methods of reclamation, restoration and protection of land.

The objects of research are:

1. agricultural land, forest and water funds, settlements, industry, transport and communications; recreation, recreational, historical and cultural, scientific and defense, which are in various forms of use, possession or property and considered as geosystems of various ranks with Relational set of all natural ingredients
2. soil, including anthropogenic kulturozemy and urbanozem, soils, surface and underground water, air masses of the troposphere and fauna;
3. natural and man-made systems, including engineering and reclamation, engineering and environmental systems and measures to enhance the usefulness of the nature of the components

This specialty is an integral part of Environmental Engineering - activities to improve the usefulness of human nature and its protection in the process of nature. The value of scientific and technical problems of this specialty is to improve the life and health of the population, ensuring sustainable development of the country, to improve the effectiveness of different types of nature: agriculture, forestry, water management, industry, maintaining and improving soil fertility, protection and reproduction of water resources , flora and fauna.

Specializations within this programme