

Biology

Novosibirsk State University

Degree or qualification is awarded: **Researcher and teacher**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **5 500 USD per year**

Programme webpage at the university website: <https://english.nsu.ru/admission/programs/phd-programs-russian/>

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Postgraduate programs at Novosibirsk State University are oriented towards research through collaboration with the institutes of the Siberian Branch of the Russian Academy of Sciences. Postgraduate Students are scientifically advised by highly qualified specialists of these institutes.

Specializations within this programme

Molecular Biology

Molecular biology is a branch of science that studies biopolymers, their components, and the structure and function of genes and genomes.

Biochemistry

Biochemistry is a branch of science that focuses on the study and identification of patterns of chemical processes, composition, structure, functions, properties, and transformations of substances of living organisms, the relationship between these reactions and the activity of cellular structures, organelles, tissues, and organs of the whole organism, neutralization of xenobiotics, and artificial materials and their impact on living organisms and the biosphere as a whole.

Botany

Botany is a study of plants. It explores the world of plants, its diversity, the genesis, distribution, structure, and properties of plants and plant communities, their relationship with the environment and other living organisms. Botany develops the scientific basis of its rational management and preservation as a necessity for sustainable human development.

Genetics

Genetics is a field of science that studies the phenomena of heredity and variability, patterns of storage processes, transmission and realization of genetic information at the molecular, cellular, organismal, and population levels.

Physiology

Physiology is a field of science related to the study of animal and human body functioning, using behavioral, physiological, biochemical, genetic, and molecular biological approaches for the analysis. Physiology is a base for a number of scientific disciplines such as medicine, psychology, veterinary, etc. Fundamental physiological studies allow us to understand the laws of functioning of an organism and its separate systems, the principles of human health and its adaptive capacity, patterns of interaction with the environment.

Ecology

Ecology is a science that examines the structure and function of living systems in space and time in natural and modified environments.

Cellular Biology, Cytology, Histology

It is a branch of science that focuses on the study of the origin, structure, development, and functioning of cells and tissues, their interaction in the process of the body's functions.