**DEPARTMENT OF BIOLOGY**

The Faculty of Biology at Lomonosov Moscow State University (MSU) is one of the biggest divisions of MSU and the world-known leading center for biological education at the levels of Bachelor's, Master's and Doctoral degrees. Many alumni of the Faculty of Biology achieved the outstanding results in science, business and in the public sphere.

More than 75% of graduates of the Master’s programs get employed in science and education, science-related industries world wide, such as R&D in pharmacology, food technology and agriculture, farming and aquaculture, scientific instruments, information technology etc.

This year two Master’s degree programs will be opened in the Shenzhen MSU-BIT University – **Nanobiotechnology** and **Fundamental and Systemic Ecology.**

Master students, who successfully completed the **Nanobiotechnology** program, will be able to set tasks and solve problems related to the fundamental theoretical and experimental investigative and practical work using different biological and artificial objects, apply modern methods of biophysics and bioinformatics to generate new knowledge and to create an effective methodology in modern nanobiotechnology. Master’s degree holders will be prepared for work in research institutions and in the science-related industry of different profile (leading international biotechnology companies, consulting organizations specializing in pharmacology and nanobiotechnology, etc.) as well as in the higher education organizations.

The **Fundamental and Systemic Ecology** program is aimed at training highly qualified specialists with profound knowledge and expertise in the field of general and applied ecology, able to find ecology-oriented and environmental friendly solutions to environmental problem such as the pollution of the environment, destruction of the natural habitats, loss of biodiversity etc. A Master will be ready to function as an expert in making decisions regarding complex situations and controversial issues related to environmental management and protection. Graduates receive practical experience of applying modern processes, methods, techniques and monitoring mechanisms, as well as knowledge of the methods of mathematical modeling and system analysis, necessary to analyze environmental data.

The graduates of these two programs receive the MSU diploma of Master's degree and the Shenzhen MSU-BIT University certificate of completion.

The education is conducted in English language, which means that applicants should be able to use speaking, writing, listening and reading skills, as well as professional terminology in English. Admission Rules are be published on <http://szmsubit.edu.cn>