

## **Master's degree program**

09.04.02.05 "Information systems of Earth remote sensing"

**Program code:** "09.04.02. Information systems and technologies"

**SibFU School:** School of Space and Information Technologies, Department of Artificial Intelligence Systems

**Program duration:** 2 years (120 ECTS)

**Short description:**

The mission of educational program is to prepare specialists able to define and analyze problems using information technologies, to develop necessary components, techniques, decisions, information systems. Knowledge in the field of Earth remote sensing allows the graduates to solve the problems connected with spatial data processing, creation of spatial data infrastructures, GIS-technologies, processing and analysis of space images obtained with space topography or UAV, to determine and solve the problems requiring scientific research.

Graduates can work as information technology specialists, information systems architects, engineers at remote sensing data processing and geospatial production centers, researches.

Successful completion of this program will allow the graduates to take positions at any enterprise engaged in development, implementation and maintenance of information systems and technologies and also at enterprises and scientific centers specializing in the area of spatial data processing and analysis.