Teaching subjects in department

Subjects

№	The name of the subject	Brief information about subject
1	Cartography	The subject is about the arrangement of events and phenomena in nature and society and the mutual existence between them, as well as their characteristics, changes over time, mathematically reducing and generalizing on the plane with the help of special pictorial symbol models and using it as a source based on the research method.
2	Cartography	The theoretical aspect of cartography and its historical development path, types and types of maps and other cartographic images, methods of using maps, methods of analyzing various cartographic works are taught.
3	Design and layout of maps	One of the main parts of cartography, it explains how to create a map (original) and how to edit it.
5	Equip the maps	To develop the design of the appearance of cartographic works, to learn and choose visual aids for the design and composition of cartographic symbols based on intelligence, to apply and accept artistic methods, to use computer design technology in creating maps and atlases.
6	Socio-economic cartography	Analysis and compilation of socio-economic maps will be taught.
7	Geodesy	Using various geodetic instruments, various measurements are made on the surface of the Earth and their calculation based on mathematical rules is taught.
8	Engineering geodesy	Engineering-geodesic studies performed on site for the design of buildings and structures are taught.
9	Geodetic works in land mangament	Geodetic works performed in earthworks are taught.
10	Higher geodesy	It is engaged in determining the shape and dimensions of the earth, building geodetic base networks, and high-precision geodetic works performed on its large part.
11	Practical geodesy	It is taught to search for the location of various engineering structures, to design, to relocate them, to provide them with geodetic measurements during their construction.
12	Photogrammetry	The study of the problems associated with the use of aerial and space photographs in planning and mapping.
13	Computer graphics and cartography in land mangament	The use of computer graphics in conducting and effective use of land construction and creating a system of cards and conditional signs based on them.

14	Foundations of specialty	Gain basic skills and knowledge in the specialty.

Master's degree

	The name of the subject	Brief information about subjects
1	Scientific basis of geoinformation systems	It is engaged in determining the shape and dimensions of the earth, building geodetic base networks, and high-precision geodetic works performed on its large part.
2	Practical geodesy	It is taught to search for the location of various engineering structures, to design, to relocate them, to provide them with geodetic measurements during their construction.
3	Remote sensing	The study of the problems associated with the use of aerial and space photographs in planning and mapping.