

## CLUBS

**“GeoGIS” Supplementary class****PROGRAM**

<b>№</b>	<b>Name</b>	<b>Classification of the class</b>	<b>Dedicated hour</b>	<b>Teacher</b>
1	ArcGIS I-modul	Creating a geodatabase and thematic layers and creating electronic digital maps using the ArcGIS program	36	Abdurakhmonov S. Muslimbekov B.
2	ArcGIS II-modul	Raising two-dimensional maps to three dimensions and animating objects using ArcGIS software	36	Inamov A. Muslimbekov B.
3	ArcGIS III-modul	Performing spatial analysis using ArcGIS software (NDWI, NDVI, Geostatistical analysis, NDMI)	36	Shokirov Sh. Muslimbekov B.
4	3D-GIS	Building a three-dimensional model of buildings and structures and the environment using the Sketch UP program	36	Oymatov R. Fayzullaev M.
5	2D-GIS	Creation of 2-dimensional drawings of the object and topographical plan of the place in the Auto CAD program	36	Aslanov I. Boltaev Sh.
6	DRON	Remote sensing of the earth using a drone and creation of a three-dimensional model of the area	36	Inamov A. Aliyarov J.
7	Surveying-I	Drawing up a plan of land areas with the help of a theodolite (determining horizontal and vertical angles)	36	Islomov U. Samiyev Sh.
8	Surveying-II	Creating a longitudinal and transverse profile of the track using a leveler and leveling the surface using square grids	36	Valieva A. Salimov A.
9	Surveying-III	Topographic surveying and planning of the territory using an electronic total station	36	Mamatkulov Z. Toshpulatov U.

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10	Surveying-IV	Determination of the absolute height of the earth using GNSS and equalization of errors	36	Inamov A. Musurmonov J.
11	Surveying-V	Determination of the surface of the earth using GPS	36	Mukhtorov U. Musurmonov J.