Graduate profile

The graduate has acquired rudimentary knowledge of mathematics, natural sciences and technical sciences, as well as specialist knowledge in geodesy and geoinformatics. The graduate has acquired basic competencies in the area of: contemporary methods for surveying, remote sensing and modeling the Earth's shape and physical properties, observing changes there in over time, numerical processing and presentation of the results of surveying, satellite, remote sensing and photogrammetric measurements, conducting hydrographic surveys, GPR measurements and UAV missions, performing spatial analyses with the use of GIS tools, acquiring data for spatial information systems, developing GIS project and Cloud GIS, elaboration of topographic and thematic maps, surveying services for investment projects. The graduate has the required skills to: use the acquired knowledge in work and daily life, manage teams performing contracted tasks, incorporating and managing small enterprises, apply legal knowledge to the extent required for conducting professional and business activity. The graduate is prepared to: provide engineering services in the area of surveying, cartography and geoinformatics, apply advanced surveying, satellite, photogrammetric and remote sensing measuring techniques, process and deploy measurement results. The graduate is prepared for employment in: surveying companies, small enterprises, local and central administration units, providers of business support services, research institutions and development centers.