

## **Graduate profile**

The graduate has acquired the necessary skills and advanced knowledge in technical sciences, geodesy and surveying. He/she is able to manage teams, show creative initiative, make decisions, deal with basic legal and administrative matters in business organizations. The graduate has acquired advanced skills in the area of: contemporary methods for surveying and modeling the Earth's shape and physical properties, observing changes therein over time, real estate management and valuation, keeping the real estate cadastre, numerical processing and presentation of the results of surveying, satellite, remote sensing and photogrammetric measurements, determining and registering the ownership status of property, analytic, creative, methodological and negotiation skills, including a sound grasp of the legal, technical and social background of the provided services. The graduate is prepared to: provide services in the area of surveying, cartography and land information systems, provide surveying services, including the determination and mapping of site location, supporting services for engineering and industrial projects, perform satellite, photogrammetric and remote sensing measurements, develop real estate analyses, manage real estates, deploy the latest measuring techniques and computer-aided applications for gathering and processing topological data. The graduate is prepared for employment in: surveying and cartographic companies, related businesses, as a self-employed provider of surveying and cartographic services, in central and local administration units, providers of business support services, research institutions, research and development centers. The graduate is adequately prepared to enroll in third-degree (doctoral) studies and undertake research work.