

Description of specialties

Studies in the area of Geodesy and Satellite Navigation (Satellite Geodesy and Navigation) provide the candidate with extensive knowledge and skills in the field of geodesy and cartography, with special emphasis on the latest technologies for gathering and processing data acquired with the use of satellite methods.

The offered courses enable the candidate to gradually develop his/her skills in the area of geodesy, cartography and satellite navigation. The curriculum includes: general and introductory courses, specialist courses modeling the future surveyor's profile (geodesy, physical geodesy and gravimetry, satellite measuring techniques), vocational training courses preparing the graduate to perform highly specialized services in the area of higher geodesy, satellite geodesy and satellite navigation (satellite positioning methods, data transmission systems, geo-data integration methods). Every student is required to submit a master's degree thesis.

Upon the completion of the relevant vocational training, the graduate is entitled to apply for a professional license of surveyor or map compiler.

Studies in the area of Geodesy and Satellite Navigation (Satellite Geodesy and Navigation) prepare the graduate 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.