

Kejuruteraan Geospatial

Program pasca siswazah dalam Kejuruteraan geospatial memberi tumpuan kepada perolehan maklumat geospatial, analisis, pemodelan, visualisasi dan aplikasi. Ini merangkumi merekabentuk, membangun dan mengoperasi sistem untuk perolehan, analisis dan penggunaan maklumat geospatial bumi, lautan, infrastruktur, sumber asli dan alam sekitar. Topik yang menjadi tumpuan termasuk perolehan data, ukur, fotogrametri, sistem satelit navigasi global, perkhidmatan berasaskan lokasi, imbasan laser, kartografi, hidrografi dan pengurusan maklumat tanah.

Geospatial Engineering

The postgraduate program in Geospatial Engineering focuses on research in geospatial information acquisition, analysis, modeling, visualisation and applications. This includes the design, development, and operation of systems for collecting, analysing, and utilising geospatial information about the land, the oceans, infrastructure, natural resources, and the environment. Topics focused on include data acquisition, surveying, photogrammetry, global navigation satellite system (GNSS), location-based services (LBS), laser scanning, cartography, hydrography, and land information management.