



UNIVERSITY of DEBRECEN HUNGARY

Department of Physical Geography and Geoinformatics

Geoinformatics MSc and PhD program

With Full Scholarship

A Competitive Diploma with Tomorrow's Technology



Remote Sensing

- ✓ Spaceborne and airborne imaging sensors
- ✓ Multispectral and hyperspectral technologies
- ✓ LiDAR applications
- ✓ Extraterrestrial GIS



UAS Photogrammetry

- ✓ High resolution multispectral survey
- ✓ Thermal monitoring
- ✓ Point Clouds and 3D modelling



Cartography

- ✓ Efficient survey methods
- ✓ Laser Scanning
- ✓ UAVs, RTK GPS
- ✓ Modern GIS softwares
- ✓ 3D geovisualisation

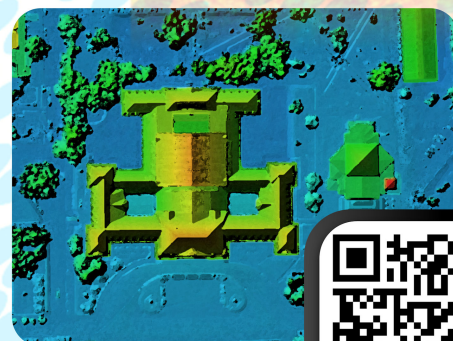


Urban GIS

- ✓ Smart city applications
- ✓ GIS database management
- ✓ CAD systems
- ✓ Land cover change detection

Agro GIS

- ✓ Precision agriculture
- ✓ Crop health monitoring
- ✓ Yield estimation



Career Paths



Market Sector

Geoinformatics (GIS) Expert, Spatial Data Analyst, Innovation and Development Agencies, Municipalities, Precision Agriculture, Disaster Management, Water Resources, Forestry, Defense, Transportation Companies, Private Enterprises

Academic Sector

Scholarship Doctoral Program, Research Institute, University Education, Foreign Scholarships

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