

# STUDY AT THE



**UNIVERSITY of  
DEBRECEN  
HUNGARY**

**Department of Physical Geography and Geoinformation Systems**

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We offer

## **MSc and PhD International Programmes in Geoinformatics and Geography**

**Application to Master's Degree**

### **Geography, MSc**

Academic discipline: Natural Sciences

Qualification: Geographer

Starting date: September/February

Language requirements: English language proficiency

Academic requirements: BSc diploma in earth sciences or in a related discipline in natural, human or information sciences.

Duration: 4 semesters

ECTS credits: 120

**Application to Doctoral Degree**

### **Earth Sciences, PhD**

Starting date: September/February

Language requirements: English language proficiency

Academic requirements: Relevant Master degree

Duration: 8 semesters

**You might study even with full scholarship!**

### **Stipendium Hungaricum Scholarship**

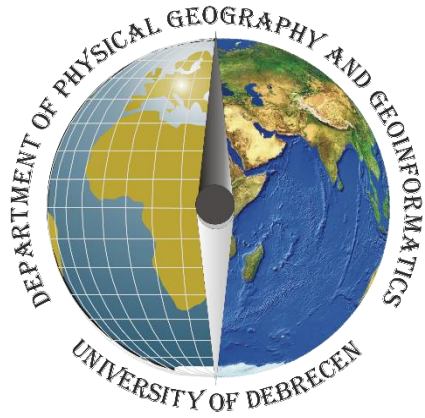
Free tuition for the entire duration of studies

Monthly grant for students of Bachelor, Master or PhD program

Contribution to accommodation

Free medical insurance for the entire duration of a BSc, MSc or PhD program

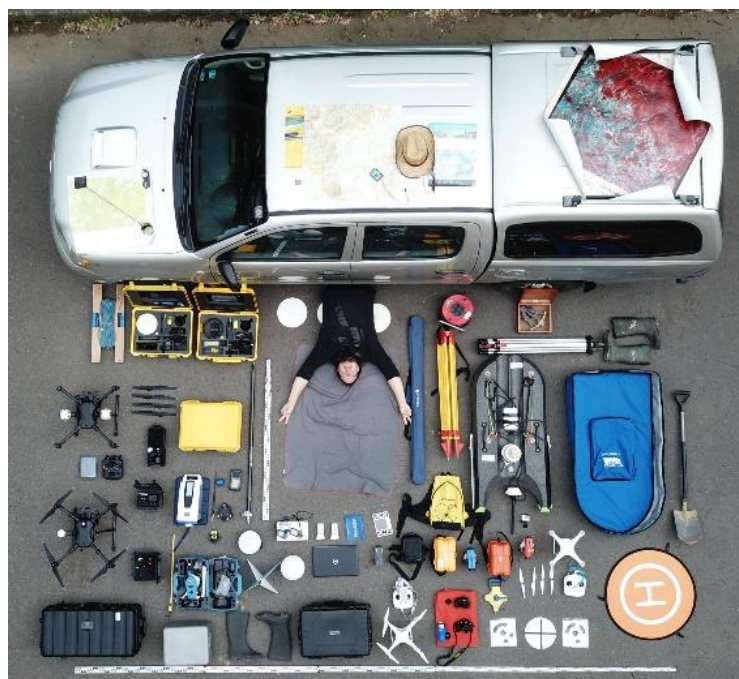
**Look for more information [HERE](#).**



## Department of Physical Geography and Geoinformation Systems

### THE TECHNOLOGY OF THE 21<sup>ST</sup> CENTURY

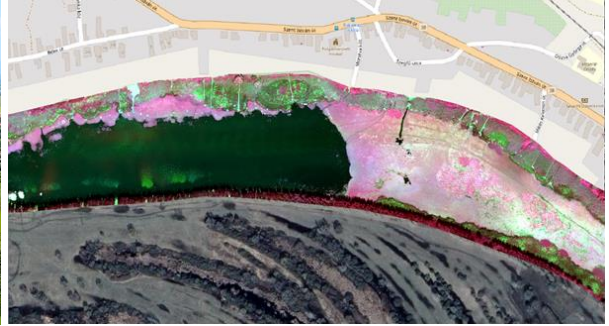
Our Department offers you the latest modern  
technological equipment park and qualified  
instructors!





## Remote Sensing

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



## UAS Photogrammetry

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



## Cartography

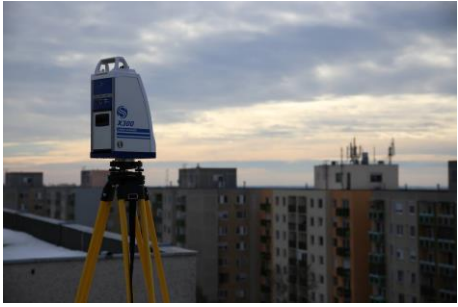
- ✓ Efficient survey methods
- ✓ Laser Scanning
- ✓ UAVs, RTK GPS
- ✓ Modern GIS softwares
- ✓ 3D geovisualisation



## Urban GIS

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





## Agro GIS

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



**Contact us:**

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