Education of Real Estate Cadastre and Mapping in Brno

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- since 1899,
- today 8 faculties,
- in 2007 ranked among five hundred best universities in the world (as one of the two Czech universities),
- since 2004 fully structured university education.
Study of Geodesy and Cartography before 2003

- **Until 2003 5-year master study programmes (Ing.)**
  - Subjects with relations to Real Estate Cadastre:
    - Surveying, 1\textsuperscript{st} – 3\textsuperscript{rd} terms
    - Mapping, 5th and 6th terms, 3 hours of lectures and practice weekly
    - Real Estate Cadastre, 6\textsuperscript{th} and 7\textsuperscript{th} terms, 2 hours of lectures and practice weekly
    - Land arrangements, 8\textsuperscript{th} term, 2 hours of lectures and practice weekly
    - Field training III, 6\textsuperscript{th} term, 3 weeks

**Specialization Cadastre and cartographic informatics, 9\textsuperscript{th} and 10\textsuperscript{th} terms**
  - Cadastre Management, 9\textsuperscript{th} a 10\textsuperscript{th} terms, 1 hours of lectures and 2 or 3 hours of practice
  - Digital cadastral map, selectable 10\textsuperscript{th} term, 2 hours of practice
Study of Geodesy and Cartography since academic year 2004/2005

- **Bachelor study programme** – 3-year (Bc.)
  Fundamental subjects for education of Cadastre:
  - Surveying, 1\textsuperscript{st} – 3\textsuperscript{rd} terms.
  - Mapping, 3\textsuperscript{rd} – 4\textsuperscript{th} terms.
  - Real Estate Cadastre, 4\textsuperscript{th} – 5\textsuperscript{th} terms.
  - Field training II, 4\textsuperscript{th} term – 3 weeks.
  - Real Estates Law, 6\textsuperscript{th} term.
  - Land arrangements, 6\textsuperscript{th} term.

Note.: 2 – year consequential master study programme (Ing.) follows.
Subject Mapping 3rd term

2 hours of lectures and practice weekly

Large-scale mapping
- choice of surveying points,
- surveying methods,
- data processing for Real Estate Cadastre.

Large-scale maps in state administration
- digital maps,
- older maps (nomenclature and content),
- data collection for territory information systems.
Subject Mapping 4th term

3 hours of lectures and practice weekly

- Hypsography in large-scale and middle-scale maps
- Transverse and longitudinal contours
- Topographic mapping
- Digital products (ZABAGED, DMÚ, DMR, ....)
- Connection of map and GIS
Subject Cadastre of Real Estate 4th term

2 hours of lectures and practice weekly

- Development of Cadastre in Czech Republic and world
- Land registration
- Renewal and up-keeping of documents
- Administration of cadastral information
- „Simple“ plat maps
- Content and format of set of geodetic information and set of descriptive information
Subject Cadastre of Real Estates 5th term

- 2 hours of lectures and practice weekly

- Simplified registration
- Creation of plat map – generally
- Layout of parcel boundary
- Records of proprietary and other titles to real property
- Surveying works for Cadastre (ISKN)
- Digital cadastral map (DKM) and cadastral map digitized (KM-D).
Study of Geodesy and Cartography since academic year 2004/2005

- **Master study programme** – 2-year (Ing.);
  3rd and 4th terms **two specializations**
  - Engineering geodesy
  - **Cadastre and cartographic informatics**
Specialization **Cadastre and cartographic informatics**

Subjects with relation to field of Real Estate Cadastre:

- Cadastre management, 3rd term, 2 hours of lectures and practice weekly
- Digital cadastral map, selectable course 4th term, 2 hours of lectures and 1 hour practice weekly
- Legal Relations to Real Estate, selectable course 4th term, 2 hours of lectures and 1 hour practice weekly
Subject Cadastre management

- Complex cases of plat map and layout works
- Correction of an error of cadastre
- Attestation and acknowledgement of plat map
- Entry to allotment
- Administration of information from cadastre
- Valid law and progress of law
Thank you for your attention

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